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AVE-SESAME IV: 25 MB SOUNDING DATA

By Meta E. Sienkiewicz, Luke P. Gilchrist, and Robert E. Turner

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16. ABSTRACT

This report describes the rawinsonde sounding program for the AVE-SESAME IV experiment and presents tabulated data at 25 mb for the 23 National Weather Service and 20 special stations participating in the experiment. Soundings were taken at 3-hr intervals beginning at 1200 GMT on May 9, 1979, and ending at 1200 GMT on May 10, 1979 (nine sounding times). The method of processing is discussed briefly, estimates of the rms errors in the data are presented, and an example of contact data is given. Reasons are given for the termination of soundings below 100 mb, and soundings are listed which exhibit abnormal characteristics.

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AVE-SESAME IV: 25-MB SOUNDING DATA

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1. Introduction

In the spring of 1979, NASA participated in six Atmospheric Variability Experiment-Severe Environmental Storms and Mesoscale Experiments (AVE-SESAME). The dates, observation times, and data reports for each of these experiments are listed in Table 1. A more complete listing of all of NASA's previous Atmospheric Variability Experiments (AVE) is given by Williams et al. (1980b). The present report contains data and information for the fourth AVE-SESAME experiment (9-10 May 1979).

This report is primarily a data document containing rawinsonde data taken at both National Weather Service and special stations during AVE-SESAME IV (9-10 May 1979). The computer program for computing soundings, description of the data processing method, and error analysis have been presented by Fuelberg (1974). Error estimates from Fuelberg's report are presented in Section IV. A description of the synoptic conditions, observed weather, selected satellite photographs, and summaries of severe and unusual weather events compiled from teletype reports are presented in a separate report entitled, "A Preliminary Look at AVE-SESAME IV Conducted on 9-10 May 1979." That report is being printed concurrently with this data report.

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Table 1. Summary of AVE-SESAME experiments.

Experiment	Dates	Observation Times	Data Reports
AVE-SESAME I	10-11 April 1979	4/10 - 12, 15, 18, 21 4/11 - 00, 03, 06, 09, 12	Gerhard, et al. (1979)
AVE-SESAME II	19-20 April 1979	4/19 - 12, 15, 18, 21 4/20 - 00, 03, 06, 09, 12	Williams, et al. (1980a)
AVE-SESAME III	25-26 April 1979	4/25 - 12, 15, 18, 21 4/26 - 00, 03, 06, 09, 12	Williams, et al. (1980b)
AVE-SESAME IV	9-10 May 1979	5/09 - 12, 15, 18, 21 5/10 - 00, 03, 06, 09, 12	This Report
AVE-SESAME V	20-21 May 1979	5/20 - 12, 15, 18, 21 5/21 - 00, 03, 06, 09, 12	In Preparation
AVE-SESAME VI	7-8 June 1979	6/7 - 12, 15, 18, 21 6/8 - 00, 03, 06, 09, 12	In Preparation

2. The AVE-SESAME IV Experiment

Twenty-three National Weather Service rawinsonde stations and 20 special rawinsonde stations participated in the AVE-SESAME IV experiment. A list of these stations is presented in Table 2, and their locations are shown in Fig. 1. Soundings were taken at nine times: May 9, 1979 at 1200, 1500, 1800 and 2100 GMT, and May 10, 1979, at 0000, 0300, 0600, 0900, and 1200 GMT.

Rather than being distributed evenly throughout the region, as in the first three AVE-SESAME experiments, the special stations were grouped in a storm-scale network in Oklahoma and Texas. The smaller station spacing affords finer resolution of weather events in the Oklahoma study area.

3. Discussion of Basic Data

3.1 Collection of the Data. Raw data from each rawinsonde station were collected by the National Severe Storms Laboratory (NSSL), Norman, Oklahoma, and forwarded to the Atmospheric Sciences Division, NASA Marshall Space Flight Center (MSFC), Alabama. After initial processing these data were forwarded to Texas A&M University where complete soundings were computed using the university's Amdahl 470V/6 computer.

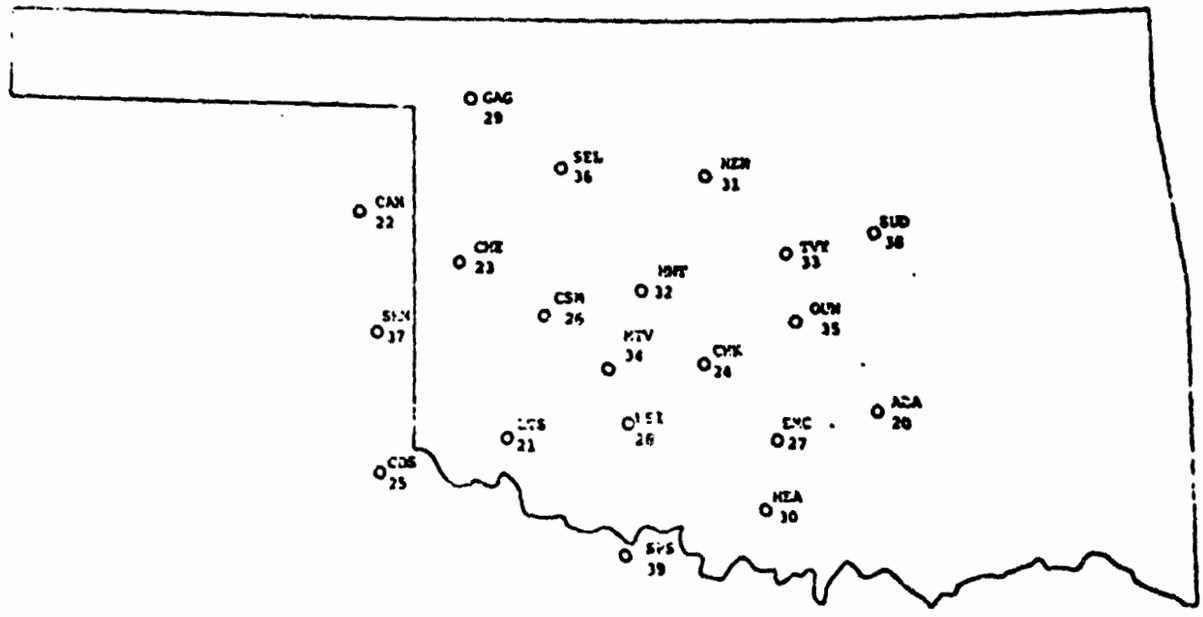
3.2 Methods of Processing. The procedure used to compute the soundings is that used on previous AVE's and is described by Fuelberg (1974). All keypunched data were checked for errors by calculating centered differences on the input data. Additional checks include first differences of computed winds and checks on lapse rates of computed temperatures and dewpoints, plotting of constant pressure charts for 850, 500, and 200 mb for all release times, and time cross sections for each station. Suspected errors were checked with the original strip chart information and appropriate corrections made.

The final data set of the AVE-SESAME IV experiment consists of data computed at each pressure contact and at 25-mb intervals. Thermodynamic quantities were computed at each pressure contact, while winds were computed from the available 30- or 60-s interval angle data by means of centered finite differences and were subsequently interpolated to each contact or 25-mb level.

Table 2. Rawinsonde stations participating in the AVE-SESAME IV experiment.

Station Number	Location
NWS Stations	
229 (CKL)	Centerville, AL
232 (BVE)	Boothville, LA
235 (JAN)	Jackson, MS
240 (LCH)	Lake Charles, LA
247 (GGG)	Longview, TX
255 (VCT)	Victoria, TX
260 (SEP)	Stephenville, TX
261 (DRT)	Del Rio, TX
265 (MAF)	Midland, TX
270 (ELP)	El Paso, TX
327 (BNA)	Nashville, TN
340 (LIT)	Little Rock, AR
349 (UMN)	Monett, MO
353 (OKC)	Oklahoma City, OK
363 (AMA)	Amarillo, TX
365 (ABQ)	Albuquerque, NM
433 (SLO)	Salem, IL
451 (DDC)	Dodge City, KS
456 (TOP)	Topeka, KS
469 (DEN)	Denver, CO
532 (PIA)	Peoria, IL
553 (OMA)	Omaha, NE
562 (LBF)	North Platte, NE
Special Stations	
020 (ADA)	Ada, OK
021 (LTS)	Altus, OK
022 (CAN)	Canadian, TX
023 (CHE)	Cheyenne, OK
024 (CHK)	Chickasha, OK
025 (CDS)	Childress, TX
026 (CSM)	Clinton Sherman, OK
027 (EMC)	Elmore City, OK
028 (FSI)	Ft. Sill, OK
029 (GAG)	Gage, OK
030 (HEA)	Healdton, OK
031 (HEN)	Hennessey, OK
032 (HNT)	Hinton, OK
033 (TVY)	KTVY, OK
034 (MTV)	Mountain View, OK
035 (OUN)	Norman, OK
036 (SEL)	Seiling, Ok
037 (SHM)	Shamrock, TX
038 (SUD)	Stroud, OK
039 (SPS)	Wichita Falls, TX

a. NWS rawinsonde stations



b. Special rawinsonde stations

Fig. 1. Locations of rawinsonde stations participating in the AVE-SESAME IV experiment.

The following procedures were employed in the processing of these data.

(1) Humidity values, including dew-point temperatures, were computed only at temperatures above -40°C; at temperatures below -40°C, humidity values are missing and are indicated by a field of nines (i.e., 99.9). Moisture values were computed if the relative humidity exceeded 1%. If the value was below 1%, it was set equal to 1% and used in the computation of other moisture variables.

(2) Winds based on low elevation angles are denoted by asterisks. One asterisk denotes angles less than 10° but greater than 6°, while two asterisks denote angles less than 6°. Caution must be exercised in the use of data at low elevation angles since it is subject to rather large RMS errors.

(3) Wind direction and speed were determined for 25-mb levels by interpolating contact values of the u- and v-components.

In processing the data, only those corrections were made that were known to be valid or were provided by NSSL.

4. Discussion of Sounding Data

4.1 Accuracy Estimates. Estimates of the RMS errors in wind and thermodynamic quantities of the AVE-SESAME IV data are the same as those for all AVE experiments and are given by Fuelberg (1974). The estimates for the thermodynamic variables are presented in Table 3.

The RMS errors for wind speed and direction are difficult to describe since they are a function of tracking geometry and other factors. Maximum RMS errors for winds (speed and direction) computed at 30-s intervals (based on the worst geometric tracking configuration) for 10 and 40 deg elevation angles are presented in Table 4. The accuracy of the wind data at pressure contacts and at 25-mb intervals is greater than that stated for the 30-s winds because of the added smoothing and interpolation performed. In addition, errors cited for the 30-s winds were maxima for the stated conditions.

Table 3. Estimates of the RMS errors in thermodynamic quantities of AVE-SESAME IV.

Parameter	Approximate RMS Error
Temperature	0.5°C (Fuelberg's value is 1°C)
Pressure	1.3 mb from surface to 400 mb; 1.1 mb between 400 and 100 mb; 0.7 mb between 100 and 10 mb.
Humidity	10 percent
Pressure Altitude	10 gpm at 500 mb; 20 gpm at 300 mb; 50 gpm at 50 mb.

Table 4. Estimates of RMS errors in AVE-SESAME IV wind data.

	RMS errors (m s^{-1}) in speed		RMS errors (deg) in direction	
Pressure	10 deg el.	40 deg el.	10 deg el.	40 deg el.
700	2.5	0.5	9.5	1.3
500	4.5	0.8	13.4	1.8
300	7.8	1.0	18.0	2.5

4.2 Tabulated Data. An example of AVE-SESAME IV contact data is given in Table 5, with the explanation of column headings in Table 6. A listing of those soundings that were missing or terminated before completion is given in Table 7 along with the reason for early termination. In Table 5, the first line of data for the time of 0.0 minutes is surface data. A series of nines is used to indicate missing data. The three numbers in the upper right-hand corner are the number of pressure levels computed, the minimum pressure obtained (mb), and an angle identifier with the value 0 for 30-s angle input and 1 for 1-min angle input. The contact and 25-mb data are available in paper form or on magnetic tape from the Space Sciences Laboratory, Atmospheric Sciences Division (ES84), George C. Marshall Space Flight Center, Alabama, 35812.

The contact data interpolated to 25-mb intervals are presented in Appendix I. The column headings are identical to those used for the contact data and are described in Table 6. The soundings are arranged by station number and appear in ascending order by time for each station. National Weather Service stations are given first, followed by special stations. The first line of each sounding is surface data which is followed by data from 1000 to 25 millibars (or to termination) successively. For levels where the pressure is greater than the surface pressure, missing data (nines) are indicated for each quantity. This is also done when the sounding terminated before the 25-mb level was reached.

One station (Healdton, OK) took two soundings at 1 1/2 hr intervals between the first two AVE-SESAME sounding times. These extra soundings are placed at the end of Appendix I and are indicated by adding the prefix '10' to the station number (10030 instead of 030).

4.3 Soundings with Abnormal Characteristics. Sounding data collected during the AVE-SESAME IV experiment were generally found to be of good quality following processing and rigorous error checking. Nevertheless, some discrepancies were observed in some soundings which may have resulted from undetected errors. In most cases these discrepancies were observed in computations of geopotential height. A list of these soundings along with an explanation of the questionable data for each sounding is presented in Table 8. These soundings interpolated to 25-mb intervals are presented in Appendix II; they should be carefully considered before use. It should be noted that calculations of wind velocity from soundings which contain

Table 5. Example of contact sounding data for AVE-SESAME IV.

STATION NO. 229
CENTERVILLE, ALABAMA

9 MAY 1979
1100 GMT

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PRES MB	CNTCT	M LGHT GPM	PRES MB	TEMP DG C	DEW PT D C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
1003	0.9	100.3	999.2	21.0	20.5	100.0	2.6	-2.6	0.5	296.5	336.3	15.5	97.0	0.0	0.
1001	7.1	139.2	998.3	21.6	20.6	110.9	6.6	-6.7	1.3	296.3	335.7	15.6	96.2	0.1	295.
1000	8.1	167.2	998.0	21.0	20.3	110.9	6.6	-6.7	1.3	295.5	334.9	15.2	96.4	0.1	295.
1000	9.1	306.8	973.0	23.1	19.3	120.0	8.0	-6.8	4.5	295.5	333.5	14.6	95.1	0.2	297.
1000	13.1	443.2	962.0	19.6	18.8	132.0	8.5	-6.3	5.7	296.1	333.6	14.4	95.1	0.5	302.
1000	11.1	583.6	952.0	19.6	18.4	141.9	8.2	-6.0	6.4	296.9	335.0	14.6	95.1	0.7	306.
1000	12.1	716.2	941.0	19.6	18.0	151.3	8.9	-6.3	7.8	297.9	336.6	13.9	90.1	0.9	311.
1000	11.1	853.7	933.0	19.2	17.4	152.3	10.4	-6.6	9.2	298.5	336.3	13.6	89.2	1.0	316.
1000	10.1	990.8	923.0	18.6	16.7	158.2	10.7	-6.6	9.6	298.5	335.4	13.2	90.3	1.3	319.
1000	15.1	1127.9	913.0	17.7	16.3	158.6	9.8	-3.6	9.2	298.8	333.2	13.0	91.7	1.6	321.
1000	16.2	1267.2	903.0	17.3	16.1	161.3	9.2	-3.0	8.7	299.4	333.4	13.0	92.7	1.7	324.
1000	17.1	1402.9	893.0	16.1	15.0	166.7	9.7	-2.6	9.6	299.1	331.6	12.9	93.7	1.9	326.
1000	18.2	1538.3	879.0	15.3	14.3	166.6	10.5	-2.6	10.2	299.2	330.7	1	90.3	2.1	329.
1000	19.1	1674.5	869.0	14.5	13.5	166.8	11.1	-2.5	10.8	299.4	329.6	11.3	94.2	2.3	333.
1000	20.1	1810.6	859.0	14.1	13.1	166.7	9.9	-2.3	9.6	303.0	329.9	11.2	98.2	2.5	336.
1000	21.1	1946.5	849.0	13.5	12.5	166.8	9.0	-2.1	9.8	333.4	329.5	10.9	98.2	2.6	342.
1000	22.1	2082.5	839.0	12.9	11.9	167.7	9.0	-1.9	8.8	333.8	329.2	10.6	98.1	2.9	343.
1000	23.1	2218.5	829.0	12.3	11.4	166.6	9.3	-2.1	9.0	301.2	329.0	10.3	98.3	3.3	338.
1000	0.1	2354.5	819.0	11.7	10.8	166.3	9.4	-2.5	9.0	331.8	328.8	10.0	98.3	3.2	335.
1000	25.1	2489.6	809.0	11.2	10.2	157.9	9.3	-3.5	8.6	302.1	328.7	9.8	98.1	3.4	333.
1000	26.1	2624.8	799.0	11.0	10.1	153.4	9.2	-4.5	8.3	333.0	329.8	9.8	98.5	3.5	335.
1000	27.1	2759.1	789.0	10.4	9.6	144.7	8.7	-5.1	7.1	303.5	329.6	9.8	98.4	3.7	332.
1000	28.2	2893.7	780.0	9.3	8.4	140.8	6.9	-4.4	5.4	303.3	327.9	8.9	94.3	4.3	334.
1000	29.1	3028.1	770.0	9.7	8.5	134.1	6.5	-4.6	4.3	330.8	329.7	9.1	97.9	4.1	336.
1000	30.1	3162.2	760.0	9.5	8.2	131.4	7.0	-5.2	4.6	305.7	330.9	9.1	98.9	4.5	333.
1000	31.1	3296.1	750.0	9.3	7.8	133.3	6.5	-4.7	4.5	330.6	331.4	8.9	93.5	4.4	332.
1000	32.1	3429.5	741.0	9.9	7.1	137.0	6.2	-4.2	4.5	307.3	331.5	8.8	88.5	4.6	331.
1000	33.1	3562.9	732.0	9.4	6.5	141.1	6.2	-3.9	4.8	307.8	331.3	8.6	87.9	4.7	331.
1000	34.1	3695.3	723.0	7.9	6.1	143.7	6.7	-3.9	5.4	308.3	331.5	8.2	89.6	4.9	331.
1000	35.1	3827.8	714.0	7.3	5.8	143.7	7.6	-4.5	6.2	309.8	331.8	8.1	89.8	5.0	330.
1000	36.1	3959.2	706.0	6.8	5.3	140.9	8.1	-5.1	6.3	309.5	332.2	8.0	93.8	5.2	330.
1000	37.1	4090.3	697.0	6.1	4.6	135.9	7.7	-5.3	5.5	309.9	331.7	7.7	93.1	5.4	330.
1000	38.1	4221.3	688.0	5.6	3.2	128.4	6.8	-5.4	4.3	310.2	330.9	7.1	95.9	5.6	329.
1000	39.1	4352.1	677.0	4.9	3.0	117.4	6.0	-5.3	2.7	310.8	331.1	7.1	87.7	5.8	331.
1000	40.1	4482.8	669.0	4.5	2.3	110.0	5.3	-5.0	1.8	311.6	330.8	6.6	83.5	5.9	327.
1000	41.0	4613.1	659.0	4.3	2.2	105.9	4.6	-4.2	1.2	312.7	330.3	5.9	78.6	6.3	327.
1000	42.1	4743.1	650.0	3.3	-2.9	116.9	3.1	-2.8	1.4	312.7	329.8	4.8	83.6	6.3	326.
1000	43.1	4873.3	641.0	3.5	-6.9	143.3	2.3	-1.4	1.8	314.2	325.8	3.6	48.7	6.1	329.
1000	44.1	5003.1	632.0	3.5	-6.4	172.3	2.2	-0.3	2.2	313.5	324.5	3.6	48.5	6.2	329.
1000	45.1	5132.8	624.0	2.7	-9.1	190.6	2.2	0.4	2.2	315.8	325.1	3.1	41.8	6.2	327.
1000	46.1	5262.9	615.0	2.2	-12.3	206.9	2.0	0.9	1.8	316.4	324.8	2.4	33.4	6.2	327.
1000	47.0	5392.5	607.0	1.7	-15.7	227.4	2.3	1.5	1.4	317.0	322.9	1.8	28.8	6.2	327.
1000	48.1	5522.7	599.0	1.8	-15.7	222.4	2.6	1.8	1.9	317.4	323.4	1.9	27.8	6.3	329.
1000	49.0	5652.1	591.0	-0.3	-14.1	217.3	3.0	1.8	2.4	317.5	322.5	1.8	28.4	6.3	329.
1000	50.0	5733.5	581.0	-1.2	-21.5	219.9	3.8	1.9	2.3	317.8	321.4	1.2	19.8	6.3	329.

* -V SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* TV TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BV SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Table 5. Continued.

STATION NO. 229
CENTERVILLE, ALABAMA

9 MAY 1979
1100 GMT

165 10. 9

TIME MIN	CHICT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
17.1	51.0	4763.8	573.0	-2.0	-29.0	240.6	2.4	1.1	1.2	317.9	328.0	0.6	10.4	6.3	330.
17.5	52.0	4869.4	564.0	-2.7	-51.6	290.4	2.9	2.7	-1.0	318.6	318.9	0.1	1.0	6.3	330.
18.0	53.0	4968.3	557.0	-2.8	-51.7	307.6	4.5	4.0	-2.7	319.6	319.8	0.1	1.0	6.2	331.
18.5	54.0	5067.1	548.0	-3.4	-52.1	302.6	4.6	4.9	-2.5	320.3	320.6	0.1	1.0	6.1	331.
19.0	55.0	5163.3	540.0	-3.6	-52.2	297.2	4.7	4.2	-2.2	321.5	321.7	0.1	1.0	6.0	332.
19.5	56.0	5331.8	532.0	-4.1	-52.5	268.2	4.6	4.4	-1.4	322.3	322.5	0.1	1.0	5.8	333.
19.9	57.0	5453.2	524.0	-5.3	-53.3	284.9	4.9	4.8	-1.3	322.3	322.5	0.0	1.0	5.8	334.
20.1	58.0	5570.7	516.0	-6.0	-53.7	284.3	5.4	5.2	-1.3	322.8	323.0	0.0	1.0	5.7	335.
20.9	59.0	5672.7	508.0	-7.2	-54.5	283.6	5.6	5.6	-1.4	322.8	322.9	0.0	1.0	5.6	336.
21.2	60.0	5816.2	500.0	-7.8	-54.9	282.5	5.9	5.8	-1.3	323.5	323.7	0.0	1.0	5.5	337.
21.7	61.0	5981.3	492.0	-9.0	-55.6	281.6	6.0	5.9	-1.2	323.6	323.7	0.0	1.0	5.4	339.
22.1	62.0	6052.0	485.0	-7.9	-56.2	281.0	5.9	5.8	-1.1	323.8	324.0	0.0	1.0	5.3	340.
22.6	63.0	6140.0	477.0	-11.0	-56.9	278.8	5.8	5.5	-0.9	324.0	324.1	0.0	1.0	5.2	342.
23.3	64.0	6239.6	469.0	-12.2	-57.6	279.9	5.5	5.4	-0.9	324.1	324.2	0.0	1.0	5.2	343.
23.9	65.0	6426.4	462.0	-12.9	-58.1	280.8	5.3	5.2	-1.0	324.6	324.8	0.0	1.0	5.1	345.
24.1	66.0	6449.6	455.0	-13.8	-58.7	275.2	4.9	4.9	-0.4	324.8	324.9	0.0	1.0	5.1	346.
24.3	67.0	6575.1	447.0	-14.8	-59.3	273.7	4.8	4.8	-0.3	325.2	325.4	0.0	1.0	5.0	347.
24.8	68.0	6796.3	440.0	-15.8	-59.8	276.8	5.0	4.9	-0.6	325.7	325.8	0.0	1.0	5.0	349.
25.2	69.0	6915.0	433.0	-16.9	-60.6	281.1	5.1	5.0	-1.0	325.6	325.7	0.0	1.0	4.9	350.
25.7	70.0	7037.1	426.0	-18.0	-61.3	284.1	5.1	4.9	-1.2	325.7	325.8	0.0	1.0	4.9	352.
26.2	71.0	7160.7	419.0	-18.9	-62.0	282.1	4.8	4.7	-1.0	326.1	326.1	0.0	1.0	4.8	353.
26.6	72.0	7283.9	411.0	-20.1	-62.7	281.1	4.8	4.7	-0.9	326.3	326.4	0.0	1.0	4.8	355.
27.1	73.0	7410.9	404.0	-21.2	-63.4	284.9	5.3	5.1	-1.4	326.5	326.6	0.0	1.0	4.8	356.
27.6	74.0	7539.6	397.0	-22.1	-64.0	285.8	6.0	5.8	-1.6	326.9	327.0	0.0	1.0	4.7	359.
28.1	75.0	7671.3	391.0	-23.3	-64.8	283.3	6.7	6.5	-1.5	326.8	326.8	0.0	1.0	4.7	0.
28.6	76.0	7803.3	384.0	-24.3	-65.4	279.1	7.4	7.3	-1.2	327.3	327.3	0.0	1.0	4.6	3.
29.0	77.0	7937.1	377.0	-25.3	-62.8	279.1	8.0	7.9	-1.3	327.6	327.7	0.0	1.0	4.6	5.
29.4	78.0	8053.3	371.0	-26.4	-55.2	281.9	8.7	8.5	-1.8	327.7	327.9	0.0	4.2	4.6	8.
29.9	79.0	8130.7	364.0	-27.6	-54.6	281.7	9.5	9.4	-1.9	327.9	328.1	0.1	5.6	4.6	11.
30.4	80.0	8310.0	358.0	-28.7	-53.1	278.6	10.3	10.1	-1.5	327.9	328.2	0.1	7.5	4.6	15.
30.9	81.0	8430.9	351.0	-30.1	-51.3	273.7	10.5	10.5	-0.7	328.0	328.3	0.1	10.5	4.6	19.
31.4	82.0	8573.4	345.0	-31.2	-51.0	270.2	10.4	10.4	-0.0	328.0	328.4	0.1	12.2	4.8	22.
31.9	83.0	8697.4	339.0	-32.7	-50.5	269.5	10.5	10.5	0.1	327.7	328.1	0.1	14.9	4.9	26.
32.4	84.0	8804.0	332.0	-33.7	-49.4	269.0	10.7	10.7	0.1	328.2	328.6	0.1	18.8	5.0	29.
32.9	85.0	8971.5	326.0	-35.1	-48.9	268.7	10.9	10.9	0.2	328.1	328.6	0.1	22.7	5.2	32.
33.4	86.0	9130.7	320.0	-36.5	-48.9	269.0	10.9	10.9	0.2	327.6	328.3	0.1	26.1	5.4	35.
33.9	87.0	9231.5	314.0	-37.9	-48.8	269.6	10.5	10.5	0.1	327.7	379.2	0.1	30.3	5.6	38.
34.4	88.0	9364.2	308.0	-38.9	-48.7	263.6	10.6	10.5	1.2	328.0	328.6	0.1	34.2	5.8	40.
34.9	89.0	9458.8	302.0	-40.0	99.9	257.5	11.0	11.0	2.4	328.3	999.9	99.9	999.9	6.0	42.
35.2	90.0	9635.7	296.0	-40.7	99.9	253.9	11.4	11.9	3.2	329.3	999.9	99.9	999.9	6.2	43.
35.7	91.0	9751.9	291.0	-39.6	99.9	253.1	11.3	11.8	3.3	332.4	999.9	99.9	999.9	6.5	45.
36.2	92.0	9836.4	285.0	-39.6	99.9	254.6	11.0	11.6	2.9	334.4	999.9	99.9	999.9	6.8	46.
36.7	93.0	10039.6	279.0	-40.7	99.9	257.4	11.0	10.7	2.4	334.9	999.9	99.9	999.9	7.1	47.
37.2	94.0	10162.6	274.0	-41.3	99.9	260.3	11.4	11.3	1.9	335.8	999.9	99.9	999.9	7.4	49.
37.7	95.0	10312.7	268.0	-42.1	99.9	261.6	12.3	12.1	1.8	336.8	999.9	99.9	999.9	7.7	50.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Table 5. Continued.

STATION NO. 229
CENTERVILLE, ALABAMA

9 MAY 1979
1100 GMT

168 10. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PUT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
34.2	96.9	13440.1	263.0	-62.9	99.9	261.2	13.7	13.6	2.1	338.0	999.9	99.9	999.9	8.0	52.
34.7	97.9	13549.6	259.0	-63.0	99.9	260.2	15.5	15.3	2.6	339.0	999.9	99.9	999.9	8.4	53.
35.3	98.9	13728.1	252.0	-63.5	99.9	259.4	16.8	16.5	3.1	340.7	999.9	99.9	999.9	8.9	55.
35.8	99.9	13862.6	247.0	-64.6	99.9	258.9	17.3	17.0	3.3	341.8	999.9	99.9	999.9	9.4	56.
36.3	133.3	13969.2	242.0	-65.4	99.9	258.4	17.8	17.4	3.6	341.7	999.9	99.9	999.9	9.9	57.
40.3	134.3	14139.1	237.0	-66.7	99.9	258.2	18.2	17.8	3.7	341.8	999.9	99.9	999.9	10.4	58.
41.4	135.3	14279.2	232.0	-67.7	99.9	258.0	18.4	18.0	3.8	342.4	999.9	99.9	999.9	11.0	59.
42.3	136.3	14422.6	227.0	-69.3	99.9	256.9	18.8	18.3	4.3	342.5	999.9	99.9	999.9	11.6	60.
42.5	136.3	14509.6	224.0	-69.8	99.9	255.5	19.4	18.8	4.8	343.5	999.9	99.9	999.9	12.2	61.
43.3	136.3	14717.2	217.0	-51.1	99.9	255.5	18.4	17.8	4.6	343.7	999.9	99.9	999.9	12.8	62.
43.5	136.3	14837.9	213.0	-52.6	99.9	256.9	17.7	17.1	4.6	343.6	999.9	99.9	999.9	13.4	62.
44.1	137.3	14971.1	208.0	-53.3	99.9	256.6	17.6	17.0	4.7	344.5	999.9	99.9	999.9	13.9	63.
44.5	138.3	15187.5	233.0	-56.4	99.9	258.1	16.2	15.7	3.9	345.2	999.9	99.9	999.9	14.4	63.
44.2	139.3	12778.6	199.0	-55.5	99.9	258.4	15.1	14.8	3.0	345.4	999.9	99.9	999.9	14.9	64.
45.7	110.3	12433.9	195.0	-56.3	99.9	259.6	14.7	14.5	2.7	346.1	999.9	99.9	999.9	15.4	64.
45.2	111.3	12568.5	190.0	-57.1	99.9	259.5	13.8	13.4	2.5	347.3	999.9	99.9	999.9	15.9	65.
46.3	112.3	12702.9	186.0	-54.0	99.9	256.3	12.0	11.6	3.3	348.1	999.9	99.9	999.9	16.2	65.
47.0	113.3	12838.7	182.0	-59.5	99.9	240.5	12.9	11.6	5.5	349.5	999.9	99.9	999.9	16.7	65.
47.4	114.3	12979.6	178.0	-58.8	99.9	240.3	15.3	13.3	7.6	351.1	999.9	99.9	999.9	17.1	65.
47.5	115.3	13137.8	173.0	-57.9	99.9	241.6	17.8	15.6	8.4	352.3	999.9	99.9	999.9	17.7	65.
48.3	116.3	13293.4	169.0	-58.2	99.9	246.2	17.6	16.1	7.1	354.1	999.9	99.9	999.9	18.2	65.
48.3	117.3	13415.8	166.0	-60.0	99.9	252.4	18.0	17.2	5.5	356.2	999.9	99.9	999.9	18.9	65.
49.2	118.3	13567.7	162.0	-60.4	99.9	255.7	19.3	18.7	4.8	358.1	999.9	99.9	999.9	19.5	65.
50.7	119.3	13723.4	158.0	-60.8	99.9	256.8	18.8	18.3	4.3	360.0	999.9	99.9	999.9	20.1	66.
51.4	120.3	13852.7	154.0	-61.3	99.9	256.1	18.0	17.5	4.3	361.9	999.9	99.9	999.9	20.7	66.
51.8	121.3	14005.5	150.0	-62.0	99.9	255.0	17.8	17.2	4.6	362.3	999.9	99.9	999.9	21.3	66.
52.4	22.3	14212.0	146.0	-63.1	99.9	255.9	17.4	16.9	4.5	364.2	999.9	99.9	999.9	21.9	67.
52.9	123.3	14333.5	143.0	-63.9	99.9	255.7	17.9	17.4	4.4	365.0	999.9	99.9	999.9	22.4	67.
53.5	124.3	14513.5	139.0	-63.9	99.9	255.4	19.6	19.0	4.9	368.0	999.9	99.9	999.9	23.1	67.
54.1	125.3	14692.6	135.0	-63.5	99.9	255.4	19.5	18.9	4.9	371.8	999.9	99.9	999.9	23.8	67.
54.7	126.3	14830.6	132.0	-63.7	99.9	255.7	19.1	18.5	4.7	373.8	999.9	99.9	999.9	24.5	67.
55.3	127.3	14971.5	129.0	-64.1	99.9	254.9	20.5	19.8	5.4	375.6	999.9	99.9	999.9	25.1	68.
55.8	128.3	15104.5	125.0	-63.9	99.9	254.9	21.2	20.5	5.5	379.3	999.9	99.9	999.9	25.8	68.
56.4	129.3	15313.4	122.0	-63.9	99.9	257.6	20.3	19.8	4.4	382.8	999.9	99.9	999.9	26.5	68.
57.0	130.3	15466.8	119.0	-63.9	99.9	266.3	19.2	19.1	1.9	384.7	999.9	99.9	999.9	27.2	68.
57.6	131.3	15622.5	116.0	-64.1	99.9	271.9	19.0	19.0	-0.6	387.2	999.9	99.9	999.9	27.9	69.
58.2	132.3	15737.8	114.0	-64.3	99.9	277.8	17.7	17.6	-2.4	390.7	999.9	99.9	999.9	28.5	69.
58.7	133.3	15891.0	109.0	-65.2	99.9	283.2	15.6	15.2	-3.5	392.0	999.9	99.9	999.9	29.0	70.
59.4	134.3	16172.7	106.0	-66.0	99.9	287.9	13.6	12.9	-4.2	393.6	999.9	99.9	999.9	29.6	71.
59.9	135.3	16306.6	103.0	-66.8	99.9	288.9	12.0	11.3	-3.9	395.3	999.9	99.9	999.9	29.7	71.
60.5	136.0	16425.9	100.0	-67.2	99.9	284.7	10.0	9.7	-2.5	397.9	999.9	99.9	999.9	30.0	72.
61.1	137.3	16708.4	97.0	-69.0	99.9	271.2	9.8	9.8	-0.2	399.7	999.9	99.9	999.9	30.3	72.
61.7	138.0	16997.3	94.0	-67.6	99.9	262.6	8.0	7.9	1.1	404.2	999.9	99.9	999.9	30.7	72.
62.3	139.0	17226.9	92.0	-67.4	99.9	257.9	7.3	7.2	1.5	407.1	999.9	99.9	999.9	30.9	72.
63.0	140.0	17228.3	89.0	-68.0	99.9	261.5	9.6	9.4	1.4	409.7	999.9	99.9	999.9	31.2	72.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

Table 5. Concluded.

STATION NO. 229
CENTERVILLE, ALABAMA

9 MAY 1979
1100 GMT

165 10. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
63.0	141.0	17432.2	86.0	-68.3	99.9	266.1	10.1	10.1	0.7	413.3	999.9	99.9	999.9	31.6	72.
64.3	142.0	17645.1	83.0	-68.7	99.9	266.5	9.9	9.9	0.6	416.7	999.9	99.9	999.9	32.0	73.
64.9	143.0	17791.4	81.0	-68.8	99.9	264.8	10.2	10.1	0.9	420.9	999.9	99.9	999.9	32.4	73.
65.7	144.0	18017.7	78.0	-68.9	99.9	276.6	12.0	11.9	-1.8	423.7	999.9	99.9	999.9	32.9	73.
66.4	145.0	18252.3	75.0	-68.9	99.9	293.3	11.4	10.5	-4.5	428.5	999.9	99.9	999.9	33.3	73.
67.1	146.0	18414.1	73.0	-69.9	99.9	299.5	9.0	7.9	-4.4	431.8	999.9	99.9	999.9	33.6	74.
67.8	147.0	18615.9	70.0	-67.6	99.9	287.0	6.2	5.9	-1.8	439.7	999.9	99.9	999.9	33.9	74.
68.5	148.0	18838.5	67.0	-66.2	99.9	282.5	3.0	2.9	-0.7	448.3	999.9	99.9	999.9	34.1	74.
69.2	149.0	19116.7	65.0	-65.0	99.9	269.5	3.4	3.4	0.0	454.8	999.9	99.9	999.9	34.1	74.
70.0	150.0	19404.0	62.0	-63.3	99.9	275.6	2.2	2.2	-0.2	464.8	999.9	99.9	999.9	34.4	74.
70.9	151.0	19598.4	60.0	-61.5	99.9	14.7	3.3	-0.8	-3.2	473.3	999.9	99.9	999.9	34.3	75.
71.7	152.0	19724.3	57.0	-61.6	99.9	36.3	5.3	-3.1	-4.3	479.9	999.9	99.9	999.9	34.2	75.
72.7	153.0	20145.1	55.0	-62.6	99.9	2.6	2.3	-0.1	-2.3	482.7	999.9	99.9	999.9	33.9	75.
73.5	154.0	20490.8	52.0	-62.9	99.9	27.4	1.7	-0.8	-1.5	489.7	999.9	99.9	999.9	34.0	75.
74.5	155.0	20733.7	50.0	-60.6	99.9	61.3	4.3	-1.7	-2.0	500.8	999.9	99.9	999.9	33.7	75.
75.4	156.0	21119.4	47.0	-60.8	99.9	63.7	6.7	-6.0	-2.9	511.0	999.9	99.9	999.9	33.5	76.
76.1	157.0	21391.3	45.0	-59.3	99.9	63.3	8.3	-7.4	-3.7	519.1	999.9	99.9	999.9	33.0	76.
77.4	158.0	21827.1	42.0	-55.7	99.9	18.7	8.7	-2.8	-8.2	538.5	999.9	99.9	999.9	32.7	76.
78.4	159.0	22139.6	40.0	-54.7	99.9	37.4	13.6	-8.3	10.8	548.5	999.9	99.9	999.9	32.1	77.
79.7	160.0	22636.0	37.0	-56.0	99.9	70.1	10.0	-9.4	-3.4	557.6	999.9	99.9	999.9	31.5	78.
81.0	161.0	22930.5	35.0	-54.7	99.9	86.0	6.9	-6.8	-0.5	569.8	999.9	99.9	999.9	30.7	78.
82.3	162.0	23569.0	32.0	-50.8	99.9	80.1	6.3	-6.2	-1.1	595.8	999.9	99.9	999.9	30.3	78.
83.7	163.0	23970.3	30.0	-49.8	99.9	75.7	6.8	-6.8	-1.5	609.8	999.9	99.9	999.9	29.7	78.
85.3	164.0	24540.4	27.0	-46.7	99.9	87.8	8.4	-8.4	-0.3	636.2	999.9	99.9	999.9	29.2	78.
87.1	165.0	25050.6	24.0	-46.1	99.9	91.6	5.5	-5.5	0.2	650.7	999.9	99.9	999.9	28.4	77.
89.3	166.0	26045.9	22.0	-45.6	99.9	83.3	4.6	-4.4	-0.5	678.8	999.9	99.9	999.9	27.7	77.
91.2	167.0	27025.0	19.0	-44.7	99.9	67.0	2.8	-2.6	-1.1	709.6	999.9	99.9	999.9	27.4	77.
93.6	168.0	28178.6	16.0	-44.0	99.9	132.9	2.2	-1.6	1.5	747.7	999.9	99.9	999.9	27.1	77.
96.6	169.0	29578.6	13.0	-42.6	99.9	358.1	2.6	0.1	-2.6	798.2	999.9	99.9	999.9	27.1	77.
100.0	170.0	31356.5	10.0	-39.9	99.9	999.9	99.9	99.9	99.9	870.7	999.9	99.9	999.9	999.9	999.

Table 6. Explanation of column headings of tabulated sounding data for the AVE-SESAME IV experiment.

TIME (MIN)	Time after balloon release.
CNTCT	Contact number.
HEIGHT (GPM)	Height of corresponding pressure surface in geopotential meters.
PRES (MB)	Pressure in millibars.
TEMP (DG C)	Ambient temperature in degrees Celsius. NOTE: An asterisk indicates that time from release and/or temperature were linearly interpolated.
DEW PT (DG C)	Dew-point temperature in degrees Celsius.
DIR (DG)	Wind direction measured clockwise from true north and is the direction from which the wind is blowing.
SPEED (M/SEC)	Scalar wind speed in meters per second. NOTE: An asterisk indicates that wind quantities are based on an elevation angle that is between 10^{o} and 6^{o}. A double asterisk indicates that the elevation angle is less than 6^{o}.
U COMP (M/SEC)	The E-W wind component, positive toward the east and negative toward the west.
V COMP (M/SEC)	The N-S wind component, positive toward the north and negative toward the south.
POT T (DG K)	Potential temperature in degrees Kelvin.
E POT T (DG K)	Equivalent potential temperature in degrees Kelvin.
MX RTO (GM/KG)	Mixing ratio in grams per kilogram.
RH (PCT)	Relative humidity in percent.
RANGE (KM)	Distance balloon is from release point along a radius vector.
AZ (DG)	Direction toward balloon measured clockwise from true north.

Table 7. Soundings missing or terminated before completion (100 mb)

Station	Date/GMT	Explanation	Last Pressure Coded (mb)
Ada, OK (020)	10/0600	Balloon descending	128
	10/1200	Ground equipment failure	444
Altus, OK (021)	10/0900	Balloon burst	113
Canadian. TX (022)	10/0000	Flight equipment failure	826
	10/0300	Equipment failure	
	10/0600	Equipment failure	
	10/0900	Flight equipment failure	632
	10/1200	Flight equipment failure	195
Cheyenne, OK (023)	10/0300	Balloon burst	173
	10/1200	Balloon burst	116
Chickasha, OK (024)	9/2100	Balloon burst	104
Childress, TX (025)	9/1200	Instrument cut off too early	173
	9/1500	Coder failed to record last contact	103
	9/1800	Fading signal	122
	9/2100	Fading signal	346
	10/0000	Ground equipment failure	301
	10/0600	Ground equipment failure	119
	10/0900	Ground equipment failure	761
	10/1200	Equipment failure	
Clinton Sherman, OK (026)	10/0600	Equipment failure	
	10/0900	Fading signal	213
	10/1200	Fading signal	718
Ft. Sill, OK (028)	9/1500	Fading signal	244
	9/1800	Pen arm shift	146
	10/0000	Fading signal	109
	10/0300	Fading signal	349

Table 7. Continued.

Station	Date/GMT	Explanation	Last Pressure Coded (mb)
Gage, OK (029)	10/0000	Flight equipment failure	527
	10/0300	Equipment failure	
	10/0600	Equipment failure	
	10/0900	Fading signal	146
	10/1200	Instrument cut off too early	174
Healdton, OK (030)	10/0900	Fading signal; flight equipment failure	155
Hennessey, OK (031)	9/1500	Balloon burst	647
	10/0000	Balloon burst	126
	10/0300	Fading signal	122
	10/0600	Balloon burst	103
	10/0900	Fading signal	386
	10/1200	Ground equipment failure	819
Hinton, Ok (032)	10/0300	Descending balloon	152
	10/0600	Instrument cut off too early	103
KTVY, OK (033)	9/1200	Fading signal	174
	9/1500	Local interference	166
	9/1000	Instrument cut off too early	117
	9/2100	Local interference from another sonde	169
	10/000	Instrument cut off too early	119
	10/0300	Flight equipment failure	174
	10/0600	Flight equipment failure	157
	10/0900	Balloon burst	169
Mountain View, OK (034)	9/1200	Fading signal	110
	9/1500	Fading signal	135
	9/1800	Fading signal	279
	9/2100	Fading signal	221
	10/0900	Balloon burst	122
Norman, OK (035)	No soundings were taken		

Table 7. Concluded.

Station	Date/GMT	Explanation	Last Pressure Coded (mb)
Seiling, OK (036)	9/1500	Sounding not taken	
	10/1800	Sounding not taken	
	10/0300	Icing	318
	10/0600	Icing	104
	10/0800	Sounding not taken	
	10/1100	Sounding not taken	
Shamrock, TX (037)	9/1500	Lost reference	192
	10/0300	Balloon burst	136
	10/0600	Instrument cut off too early	616
Wichita Falls, TX (039)	10/0600	Flight equipment failure	552
Midland, TX (265)	10/0600	Radiosonde failure; launched in TRW	576
Oklahoma City, OK (354)	9/1200	Radiosonde failure; temperature shift	255
	9/2100	Interference; leaking balloon	178
	10/0600	Fading signal	325
	10/0900	Pen not working properly	218
	10/1200	Radiosonde failure	458
Salem, IL (433)	Soundings were only taken during normally scheduled NWS launch times (09/1200, 10/0000, 10/1200)		
Dodge City, KS (451)	10/0300	Balloon burst	117
Topeka, KS (456)	10/0600	Balloon burst	149
Denver, CO 9469)	9/2100	Radiosonde failure	275
Peoria, IL (532)	10/0000	Radiosonde failure	198

Table 8. List of soundings with abnormal characteristics.

Station	Date/Time (GMT)	Questionable Data
Ada, OK (020)	09/1200	Heights 35m low at 200 mb; TMQ-5 calibration problems
Ada, OK (020)	09/1800	Heights 40m low at 200 mb
Cheyenne, OK (023)	09/1200	Heights 50m high at 200 mb
Cheyenne, OK (023)	09/1500	Heights 20m high at 500 mb; 90m high at 200 mb
Cheyenne, OK (023)	09/1000	Heights 30m high at 500 mb; 120m high at 200 mb. Radiosonde did not pass psychometric test.
Cheyenne, OK (023)	09/1200	Heights 25m high at 500 mb; 130m high at 200 mb. Sonde did not pass psychometric test.
Cheyenne, OK (023)	10/0300	Heights 40m high at 200 mb
Cheyenne, OK (023)	10/0600	Heights 80m high at 200 mb
Cheyenne, OK (023)	10/1200	Heights 110m high at 200 mb
Elmore City, OK (027)	10/0000	Heights 25m low at 500 mb; 30m low at 200 mb.
Mountain View, OK (034)	10/1200	Heights 20m high at 500 mb; 40m high at 200 mb
Shamrock, TX (037)	09/2100	Heights 40m high at 200 mb
Shamrock, TX (037)	10/0300	Heights 40m high at 200 mb
Wichita Falls, TX (039)	10/0000	Heights 100m high at 200 mb
Jackson, MS (236)	09/2100	Baroswitch pressure calibration suspect. Heights 25m high at 500 mb, 70m high at 200 mb
Stephenville, TX (260)	10/0600	Heights 20m high at 500 mb; 40m high at 200 mb.

inaccurate geopotential heights are subject to error (Fuelberg, 1974). All other soundings which contain data of high quality are presented in Appendix I.

It was necessary to adjust surface pressures at some of the special stations, due to apparent barometer calibration differences. The corrections, supplied by NSSL, are listed in Table 9.

Table 10 contains a list of soundings that experienced rather large variations in balloon rise rate. The identification of these soundings is somewhat arbitrary but based on variations in the number of pressure contacts per minute. These soundings may have been made in or near thunderstorms. Caution should be exercised in their use.

Table 9. Corrections to surface pressure supplied by NSSL and used in processing the AVE-SESAME IV data.

Station	Correction (mb)
Altus, OK (021)	+ 1.4
Cheyenne, OK (023)	+ 0.7
Gage, OK (029)	- 1.8
Hinton, OK (032)	- 0.6
KTVY, OKC (033)	+ 1.7
Shamrock, TX (037)	+ 2.5
Wichita Falls, TX (039)	+ 1.7

Table 10. Soundings with relatively large variations in balloon rise rate.

Station	Date/GMT
Canadian, TX (022)	10/0000
Gage, OK (029)	10/0000
Shamrock, TX (037)	10/0600
Midland, TX (265)	10/0600
Dodge City, KS (451)	10/0300
Dodge City, KS (451)	10/0600

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Fuelberg, H.E., 1974: Reduction and error analysis of the AVE II pilot experiment data. NASA Contractor Report CR-120496. Marshall Space Flight Center, Alabama, 140 pp.

Gerhard, M.L., H.E. Fuelberg, S.F. Williams, and R.E. Turner, 1979: AVE-SESAME I: 25-mb sounding data. NASA Technical Memorandum TM-78256. Marshall Space Flight Center, Alabama, 361 pp.

Williams, S.F., M.L. Gerhard, and R.E. Turner, 1980a: AVE-SESAME II: 25-mb sounding data. NASA Technical Memorandum TM-78281. Marshall Space Flight Center, Alabama, 373 pp.

_____, _____, L.P. Gilchrist, and R.E. Turner, 1980b: AVE-SESAME II: 25-mb sounding data. NASA Technical Memorandum TM-78283. Marshall Space Flight Center, Alabama, 380 pp.

APPENDIX I

AVE-SESAME IV Sounding Data

of Unquestionable Validity

Presented at 25-mb Intervals

STATION NO. 13030
HEALDTON,OKLAHOMA

9 MAY 1979
1235 GMT

128 97. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.1	201.0	971.3	23.8	15.4	150.0	7.7	-3.9	6.7	296.4	326.4	11.4	71.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	11.1	482.8	950.0	19.5	14.8	999.9	99.9	99.9	99.9	297.8	326.6	11.2	76.1	999.9	999.
1.2	13.5	712.4	925.0	17.5	15.0	999.9	99.9	99.9	99.9	297.2	328.2	11.7	85.5	999.9	999.
2.1	15.9	946.4	900.0	15.5	14.4	999.9	99.9	99.9	99.9	297.5	328.1	11.5	92.8	1.5	350.
2.8	18.4	1185.5	875.0	13.7	12.8	190.0	21.4	3.7	21.1	298.0	326.5	10.7	94.0	2.3	358.
3.7	20.9	1430.0	850.0	12.4	11.5	193.2	23.5	5.4	22.9	299.2	326.4	10.1	94.2	3.6	2.
4.7	23.3	1682.2	825.0	21.9	-36.6	195.6	21.7	5.8	20.9	311.7	312.4	0.2	1.0	4.9	5.
5.7	25.9	1948.0	800.0	21.1	-37.0	202.6	21.1	8.1	19.4	313.7	314.4	0.2	1.0	6.1	8.
6.6	28.5	2220.6	775.0	18.7	-38.5	205.2	20.5	8.7	18.5	314.0	314.6	0.2	1.0	7.3	10.
7.5	31.0	2492.7	750.0	16.6	-39.7	206.8	19.2	8.7	17.1	314.7	315.2	0.2	1.0	8.3	12.
8.5	33.6	2787.2	725.0	15.4	-40.5	999.9	99.9	99.9	99.9	316.3	316.9	0.2	1.0	999.9	999.
9.6	36.3	3082.6	700.0	13.0	-37.9	999.9	99.9	99.9	99.9	316.9	317.7	0.2	1.0	999.9	999.
10.7	39.1	3385.9	675.0	10.0	-28.2	999.9	99.9	99.9	99.9	316.8	318.7	0.6	4.9	999.9	999.
11.9	41.9	3697.5	650.0	7.3	-25.7	999.9	99.9	99.9	99.9	317.2	319.7	0.7	7.4	999.9	999.
13.0	44.7	4018.2	625.0	4.3	-26.5	999.9	99.9	99.9	99.9	317.4	319.8	0.7	8.4	999.9	999.
14.3	47.6	4349.3	600.0	1.1	-25.2	999.9	99.9	99.9	99.9	317.4	320.1	0.8	11.9	999.9	999.
15.6	50.6	4690.1	575.0	-2.5	-30.0	999.9	99.9	99.9	99.9	317.1	319.8	0.5	9.8	999.9	999.
16.9	53.6	5033.2	550.0	-4.8*	99.9	999.9	99.9	99.9	99.9	318.4	999.9	99.9	999.9	999.9	999.
18.2	56.6	5403.1	525.0	-7.3*	99.9	999.9	99.9	99.9	99.9	319.6	999.9	99.9	999.9	999.9	999.
19.6	59.9	5780.9	500.0	-10.0*	99.9	999.9	99.9	99.9	99.9	320.9	999.9	99.9	999.9	999.9	999.
20.8	63.1	6174.5	475.0	-12.7	-58.0	999.9	99.9	99.9	99.9	322.3	322.4	0.0	1.0	999.9	999.
22.3	66.4	6584.4	450.0	-16.2	-60.1	999.9	99.9	99.9	99.9	323.0	323.1	0.0	1.0	19.9	21.
23.6	69.9	7012.3	425.0	-19.1	-62.0	215.2	8.2	4.7	6.7	324.6	324.6	0.0	1.0	20.6	22.
25.3	73.4	7459.9	400.0	-23.1	-64.7	214.7	6.8	3.9	5.6	326.9	325.0	0.0	1.0	21.3	22.
27.1	77.1	7929.1	375.0	-26.7	-67.0	218.3	9.2	5.7	7.3	328.3	328.4	0.0	1.0	22.1	22.
29.1	81.0	8424.1	350.0	-30.0	-69.1	230.5	12.3	9.5	7.8	328.4	328.4	0.0	1.0	23.3	24.
31.5	85.0	8948.5	325.0	-33.4	-71.4	225.9	13.9	10.0	9.7	330.7	330.7	0.0	1.0	25.0	26.
33.9	89.2	9505.4	300.0	-38.3	-65.6	222.1	13.4	9.0	9.9	331.4	331.5	0.0	3.8	27.0	27.
36.4	93.5	10097.9	275.0	-43.4	99.9	230.1	13.3	10.2	8.5	332.4	9[illegible]	9.9	999.9	28.8	28.
39.1	98.2	10732.7	250.0	-47.9	99.9	229.5	12.5	9.5	8.1	334.9	[illegible]	9.9	999.9	30.8	30.
41.9	103.0	11419.6	225.0	-53.2	99.9	238.8	14.2	12.2	7.4	337.1	[illegible]	[illegible].9	999.9	32.8	31.
44.6	108.3	12167.3	200.0	-59.3	99.9	244.3	17.3	15.9	7.0	338.9	9	[illegible].9	999.9	35.0	33.
48.0	114.0	13001.3	175.0	-56.4	99.9	241.3	20.8	18.2	10.0	350.8	9 [illegible]	9[illegible].9	999.9	38.4	36.
51.4	120.0	13978.9	150.0	-60.2	99.9	231.1	21.8	16.8	13.8	366.4	999.9	99.9	999.9	42.7	39.
56.2	127.3	15102.8	125.0	-62.4	99.9	233.1	22.4	17.9	13.4	397.1	999.9	99.9	999.9	48.8	40.
61.1	135.0	16473.6	100.0	-63.9	99.9	999.9	99.9	99.9	99.9	404.2	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
CENTERVILLE, ALABAMA

9 MAY 1979
1100 GMT

385 10. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.0	1403.0	986.2	21.0	20.5	100.0	2.6	-2.6	0.5	294.5	336.3	15.5	97.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	0.0	327.1	975.0	23.2	19.4	124.5	7.6	-6.3	4.3	295.5	333.8	14.7	90.9	0.2	297.
1.6	11.2	592.9	950.0	19.6	18.7	142.8	8.8	-5.2	6.9	297.1	334.9	14.5	94.2	0.7	305.
2.5	13.5	792.3	925.0	19.8	17.1	153.8	10.2	-4.5	9.1	298.5	333.9	13.4	89.7	1.1	318.
3.4	15.9	1317.7	900.0	17.3	16.1	161.1	9.6	-3.1	9.1	299.4	333.8	13.0	92.6	1.6	324.
4.3	19.4	1259.2	875.0	16.9	14.9	166.3	10.5	-2.5	10.2	299.3	333.3	11.6	94.3	2.2	329.
5.1	23.3	1503.7	850.0	13.5	12.6	167.0	9.4	-2.1	9.2	300.3	329.6	10.9	94.2	2.6	332.
5.9	27.4	1755.4	825.0	12.1	11.1	165.0	9.3	-2.4	8.9	301.4	328.9	10.2	96.0	3.1	334.
6.8	29.2	2013.4	800.0	11.0	10.1	161.7	9.1	-4.3	8.0	302.9	329.6	9.8	96.5	3.5	335.
7.8	29.5	2274.4	775.0	9.5	8.5	139.1	7.1	-4.7	5.4	304.0	328.9	9.0	93.3	4.0	336.
8.8	31.1	2541.2	750.0	9.3	7.9	134.6	6.5	-4.6	4.6	306.6	331.4	8.9	90.1	4.5	332.
9.8	33.9	2812.6	725.0	9.0	6.2	142.1	6.8	-4.2	5.3	309.2	331.4	8.2	85.4	4.8	331.
10.8	35.8	3122.2	700.0	8.5	5.3	137.7	7.7	-5.2	5.7	309.7	332.0	7.9	90.3	5.3	333.
12.3	39.1	3472.4	675.0	6.8	2.9	117.1	5.9	-5.2	2.7	311.0	331.0	7.0	88.7	5.8	328.
13.8	42.3	3724.1	650.0	3.3	-2.9	124.3	3.3	-2.7	1.9	312.7	326.8	4.8	83.8	6.0	320.
14.5	44.2	4387.5	625.0	2.8	-8.9	186.3	2.1	0.2	2.1	315.6	325.3	3.2	62.2	6.2	327.
15.8	47.9	4376.3	600.0	1.0	-15.7	220.5	2.5	1.6	1.9	317.3	323.3	1.9	37.3	6.3	328.
17.3	51.8	4716.2	575.0	-1.8	-27.2	245.7	2.8	2.6	1.2	317.8	323.3	0.7	12.7	6.3	330.
18.8	53.9	5368.5	550.0	-3.3	-52.0	330.2	4.4	3.8	-2.2	320.2	323.4	0.1	1.0	6.1	331.
19.9	54.9	5435.3	525.0	-5.1	-53.2	287.1	5.0	4.8	-1.5	322.3	322.5	0.0	1.0	5.8	334.
21.2	57.3	5916.2	500.0	-7.8	-56.2	292.6	5.9	5.7	-1.3	323.5	323.7	0.0	1.0	5.5	337.
22.7	61.3	6212.6	475.0	-11.3	-57.1	283.2	5.6	5.5	-1.0	324.0	324.1	0.0	1.0	5.2	342.
24.1	65.6	6424.6	450.0	-14.5	-59.1	276.8	5.0	5.0	-0.6	325.1	325.2	0.0	1.0	5.0	347.
25.8	70.1	7156.7	425.0	-18.1	-61.4	281.6	5.0	4.9	-1.0	325.8	325.9	0.0	1.0	4.9	352.
27.6	73.6	7504.5	400.0	-21.7	-63.8	283.3	5.8	5.6	-1.3	326.7	326.8	0.0	1.0	4.7	357.
29.1	77.3	7875.9	375.0	-25.7	-63.5	280.6	8.3	8.2	-1.5	327.6	327.7	0.0	2.4	4.6	0.
31.3	81.2	8471.6	350.0	-30.3	-51.2	274.1	10.3	10.3	-0.7	328.0	328.3	0.1	10.7	4.7	19.
33.3	83.2	8793.1	325.3	-35.3	-48.9	269.1	10.7	10.7	0.2	328.0	329.5	0.1	23.2	5.2	33.
34.9	83.3	9584.8	300.0	-40.3	99.9	258.8	11.0	10.8	2.2	328.6	999.9	99.9	999.9	6.1	42.
37.1	91.9	13134.0	275.0	-41.1	99.9	258.6	11.9	11.6	2.3	335.6	999.9	99.9	999.9	7.3	48.
38.5	94.6	13781.9	253.0	-43.9	99.9	259.4	16.5	16.3	3.	340.3	999.9	99.9	999.9	8.1	55.
42.2	103.4	11491.3	225.0	-49.3	99.9	256.6	18.4	17.9	4.3	342.9	999.9	99.9	999.9	11.9	61.
45.3	108.9	12242.9	203.0	-55.2	99.9	256.9	16.5	15.1	3.5	345.3	999.9	99.9	999.9	14.8	64.
48.3	114.6	13346.4	175.0	-59.5	99.9	248.3	15.8	14.7	5.9	351.8	999.9	99.9	999.9	17.4	65.
51.9	121.9	14345.5	150.0	-62.6	99.9	255.6	18.6	18.0	4.6	362.3	999.9	99.9	999.9	21.3	66.
55.8	129.3	15184.5	125.0	-63.9	99.9	261.3	19.5	19.3	3.0	379.3	999.9	99.9	999.9	25.8	68.
60.5	138.0	16525.0	100.0	-67.2	99.9	275.2	11.8	11.8	-1.1	397.9	999.9	99.9	999.9	30.8	72.
66.4	145.0	16252.3	75.0	-68.9	99.9	270.3	7.9	7.8	-0.9	428.5	999.9	99.9	999.9	33.3	73.
70.5	155.9	23733.7	50.0	-60.6	99.9	20.8	6.0	-2.1	-5.6	500.8	999.9	99.9	999.9	33.7	75.
86.5	164.7	25705.9	25.0	-48.3	99.9	60.7	5.6	-4.8	-2.7	851.8	999.9	99.9	999.9	28.7	77.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
CENTERVILLE, ALABAMA

9 MAY 1979
1405 GMT

161 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.6	140.0	997.5	22.4	19.9	130.8	4.1	-3.1	2.6	295.8	334.5	14.9	86.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	8.7	338.9	975.0	20.6	19.1	133.0	9.1	-6.7	6.2	295.9	333.6	14.5	91.5	0.2	313.
1.5	11.1	563.6	950.0	19.3	18.2	139.2	7.7	-5.0	5.8	296.8	333.5	14.1	93.8	0.7	312.
2.5	13.5	792.9	925.0	17.3	16.3	147.2	8.8	-4.8	7.4	297.0	330.4	12.7	94.8	1.1	318.
3.5	15.9	1027.4	900.0	16.5	15.6	147.0	9.3	-5.0	7.8	298.5	331.5	12.5	94.4	1.6	321.
4.3	18.4	1267.3	875.0	14.8	13.7	149.8	8.3	-4.2	7.2	299.2	329.6	11.4	92.9	2.1	323.
5.3	20.9	1512.8	850.0	13.6	12.6	152.0	8.4	-3.9	7.4	300.4	329.6	10.9	93.2	2.5	324.
6.1	23.3	1764.6	825.0	12.2	10.9	154.5	8.4	-3.6	7.6	301.5	328.6	10.0	92.8	3.0	325.
7.1	25.9	2022.5	800.0	10.7	9.5	158.0	8.5	-3.2	7.9	302.6	328.3	9.4	92.3	3.5	327.
8.0	28.5	2287.0	775.0	9.9	7.7	152.0	8.5	-4.0	7.5	303.4	327.1	8.6	92.0	4.0	328.
9.0	31.1	2557.3	750.0	10.1	4.1	139.6	8.1	-5.2	6.1	307.6	327.1	6.9	66.4	4.4	328.
10.1	33.7	2841.1	725.0	8.6	3.1	137.7	7.0	-4.7	5.2	308.9	327.9	6.6	68.2	4.9	327.
11.2	36.4	3131.2	700.0	7.3	2.8	151.2	7.0	-3.4	6.2	310.5	329.9	6.7	73.2	5.4	326.
12.3	39.2	3429.8	675.0	5.2	-0.1	156.1	6.7	-2.7	6.1	311.4	327.9	5.7	68.9	5.8	327.
13.3	42.0	3737.7	650.0	3.7	-4.8	157.0	4.1	-1.6	3.8	313.2	325.6	4.1	53.8	6.2	328.
14.5	44.9	4056.0	625.0	2.1	-8.5	183.7	2.2	0.1	2.2	314.9	324.8	3.2	45.3	6.4	328.
15.7	47.8	4386.4	600.0	-0.0	-19.0	216.9	1.1	0.7	0.9	316.1	320.7	1.4	22.5	6.4	329.
16.7	50.7	4726.2	575.0	-1.1	-50.6	314.3	2.6	1.9	-1.8	318.7	318.9	0.1	1.0	6.4	329.
18.2	53.8	5077.4	550.0	-2.9	-51.8	322.7	4.4	2.7	-3.5	320.6	320.9	0.1	1.0	6.1	330.
19.4	56.9	5444.4	525.0	-4.8	-53.0	308.4	4.6	3.6	-2.9	322.7	322.9	0.1	1.0	5.7	330.
21.0	60.0	5825.6	500.0	-7.7	-54.8	296.4	5.0	4.6	-2.1	323.7	323.9	0.0	1.0	5.4	332.
22.4	63.3	6222.7	475.0	-10.3	-56.5	277.5	6.7	6.6	-0.9	325.2	325.4	0.0	1.0	5.1	337.
24.0	66.6	6635.9	450.0	-14.1	-58.9	276.5	7.5	7.5	-0.9	325.5	325.6	0.0	1.0	4.8	344.
25.7	70.1	7066.2	425.0	-18.1	-61.4	262.1	5.8	5.8	0.8	325.8	325.9	0.0	1.0	4.6	352.
27.3	73.6	7516.1	400.0	-21.7	-63.7	245.7	4.9	4.4	2.0	326.9	326.9	0.0	1.0	4.7	358.
28.9	77.3	7987.6	375.0	-25.7	-65.4	253.5	5.4	5.2	1.5	327.7	327.7	0.0	1.2	4.9	4.
30.9	81.2	8483.0	350.0	-30.5	-50.5	245.0	5.8	5.3	2.5	327.6	328.0	0.1	12.0	5.1	10.
32.6	85.2	9004.4	325.0	-35.4	-47.1	237.5	8.8	7.2	4.8	327.9	328.5	0.2	25.6	5.7	15.
34.6	89.3	9555.7	300.0	-40.4	99.9	244.4	11.0	9.9	4.7	328.5	999.9	99.9	999.9	6.5	22.
36.7	93.7	10150.6	275.0	-40.3	99.9	250.3	14.3	13.4	4.8	330.9	999.9	99.9	999.9	7.8	31.
39.1	98.4	10797.0	250.0	-43.8	99.9	256.3	16.0	15.6	3.8	341.0	999.9	99.9	999.9	9.5	40.
41.5	103.4	11495.4	225.0	-49.7	99.9	259.6	15.4	15.1	2.8	362.3	999.9	99.9	999.9	11.4	47.
44.1	108.8	12257.3	200.0	-55.1	99.9	267.1	12.8	11.8	5.0	345.6	999.9	99.9	999.9	13.4	52.
46.9	114.5	13101.5	175.0	-59.2	99.9	269.2	15.9	14.9	5.7	352.2	999.9	99.9	999.9	15.7	56.
50.2	120.8	14064.4	150.0	-60.0	99.9	268.7	15.7	14.4	6.2	366.7	999.9	99.9	999.9	18.7	57.
53.9	127.8	15193.2	125.0	-63.1	99.9	258.2	18.8	18.1	3.8	380.7	999.9	99.9	999.9	22.4	59.
58.4	135.5	16553.1	100.0	-66.1	99.9	271.9	11.7	11.7	-0.4	400.1	999.9	99.9	999.9	25.9	63.
63.7	144.0	18276.8	75.0	-67.6	99.9	234.0	7.7	6.2	4.5	431.2	999.9	99.9	999.9	29.2	66.
71.3	153.3	20785.9	50.0	-59.2	99.9	109.1	5.0	-4.7	1.6	504.1	999.9	99.9	999.9	29.0	65.
83.0	162.3	25248.6	25.0	-48.2	99.9	94.2	7.6	-7.6	0.6	668.6	999.9	99.9	999.9	25.2	64.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
+ BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
CENTERVILLE, ALABAMA

9 MAY 1979
1705 GMT

156 26. 0

TIME MIN	CNTFT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.7	140.3	997.6	23.6	21.3	160.0	3.1	-1.1	2.9	297.0	339.7	16.4	88.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	8.8	343.4	975.0	21.7	20.5	163.2	3.3	-0.9	3.2	297.0	339.1	15.8	92.7	0.1	345.
1.6	10.9	566.0	950.0	19.5	18.3	156.3	5.9	-2.4	5.4	296.9	333.9	14.1	93.1	0.3	340.
2.6	13.3	795.3	925.0	19.1	16.5	159.4	7.2	-2.5	6.7	297.8	331.8	12.9	90.2	0.7	339.
3.2	15.6	1031.3	900.0	17.4	15.6	162.5	8.1	-2.4	7.7	299.5	332.8	12.5	89.1	1.1	339.
4.1	18.1	1271.1	875.0	15.7	13.9	166.1	9.3	-2.2	9.1	300.1	333.9	11.5	88.6	1.5	341.
4.9	20.6	1515.2	850.0	14.6	12.5	164.3	9.6	-2.6	9.3	331.4	330.6	10.8	87.4	2.0	342.
5.9	23.2	1763.6	825.0	12.5	11.3	153.2	7.8	-3.5	6.9	301.8	329.2	10.1	90.8	2.5	342.
6.7	27.6	2329.7	800.0	10.9	10.3	153.5	5.9	-2.6	5.2	332.8	329.8	9.9	95.9	2.9	343.
7.7	27.9	2294.2	775.0	10.4	9.9	161.7	4.1	-1.3	3.9	335.0	332.2	9.9	96.1	3.1	340.
8.9	30.5	2547.3	750.0	9.1	8.4	164.8	3.8	-1.0	3.7	336.4	332.2	9.3	95.5	3.4	341.
10.1	33.1	2803.5	725.0	7.7	6.4	167.7	4.6	-1.0	4.5	337.9	331.6	8.4	92.0	3.7	341.
11.2	35.8	3137.7	700.0	6.9	-0.6	176.8	6.2	-0.4	6.2	310.2	325.4	5.2	58.5	4.0	342.
12.3	34.6	3435.3	675.0	5.9	-2.6	180.7	6.9	0.1	6.9	312.2	326.1	4.7	54.3	4.4	344.
13.6	41.3	3784.7	650.0	4.2	-3.6	179.1	6.1	-0.1	6.1	313.7	327.2	4.5	55.9	4.9	345.
14.4	44.3	4052.4	625.0	2.4	-11.5	178.5	4.4	-0.1	4.4	315.3	323.1	2.5	34.8	5.2	346.
15.7	47.3	4331.3	600.0	1.0	-34.9	199.1	3.0	1.0	2.8	317.3	318.5	0.4	5.4	5.3	347.
17.0	44.9	4733.3	575.0	-3.0	-50.0	287.2	2.0	1.9	-0.6	320.0	320.3	0.1	1.0	5.5	348.
18.8	52.9	5087.6	550.0	-2.5	-51.5	310.7	3.5	2.7	-2.3	321.1	321.4	0.1	1.0	5.4	349.
19.7	55.9	5454.5	525.0	-5.4	-53.3	298.4	4.6	4.1	-2.2	322.0	322.2	0.0	1.0	5.1	352.
21.6	58.9	5835.7	500.0	-7.9	-56.9	287.3	4.7	4.5	-1.4	323.4	323.6	0.0	1.0	5.0	355.
22.3	62.1	6231.4	475.0	-11.0	-56.9	281.0	4.7	4.6	-0.9	324.3	324.5	0.0	1.0	4.8	360.
23.4	65.4	6643.4	450.0	-14.4	-59.1	280.4	4.9	4.8	-0.9	325.1	325.2	0.0	1.0	4.8	5.
24.3	68.8	7078.3	425.0	-17.8	-61.2	283.8	6.7	6.7	0.7	326.2	326.2	0.0	1.0	4.8	11.
25.8	72.1	7524.2	400.0	-21.7	-48.9	254.6	9.3	8.9	2.5	326.8	327.2	0.1	6.6	5.2	18.
26.5	76.0	7990.3	375.0	-26.0	-43.3	242.6	10.6	9.4	4.9	327.2	328.0	0.2	17.8	5.8	26.
31.3	73.8	8493.4	350.0	-30.7	-40.7	236.1	9.8	8.1	5.5	327.4	328.5	0.3	36.5	6.8	31.
32.2	83.7	9011.6	325.0	-35.5	-41.8	231.6	8.3	6.5	5.1	327.8	328.9	0.3	51.8	7.8	34.
34.2	87.9	9563.4	300.0	-39.6	-54.7	241.2	11.7	10.2	5.6	331.0	331.3	0.1	17.0	8.8	36.
35.3	92.2	10153.3	275.0	-43.0	99.9	244.3	16.6	15.0	7.2	337.3	999.9	99.9	999.9	10.4	41.
34.6	96.4	10805.1	250.0	-44.4	99.9	248.5	16.8	15.7	6.2	340.1	999.9	99.9	999.9	12.4	45.
43.9	101.5	11503.2	225.0	-49.8	99.9	252.2	15.8	15.0	4.8	342.2	999.9	99.9	999.9	14.6	49.
43.6	106.9	12264.2	200.0	-54.9	99.9	239.7	13.9	12.0	7.0	345.8	999.9	99.9	999.9	16.7	52.
44.3	112.5	13113.8	175.0	-58.2	99.9	252.1	17.1	16.2	5.2	354.9	999.9	99.9	999.9	19.4	54.
47.5	118.9	14078.3	150.0	-60.4	99.9	248.8	16.6	15.5	6.0	366.0	999.9	99.9	999.9	22.3	56.
53.0	125.5	15236.6	125.0	-63.3	99.9	260.3	20.1	19.9	3.4	380.4	999.9	99.9	999.9	26.1	59.
57.2	133.0	16566.0	100.0	-66.7	99.9	265.4	14.2	14.1	1.1	398.8	999.9	99.9	999.9	29.9	62.
62.6	141.7	18299.2	75.0	-65.4	99.9	215.1	6.7	3.9	5.5	435.8	999.9	99.9	999.9	33.0	65.
69.6	151.3	20795.6	50.0	-60.8	99.9	96.0	5.2	-5.1	0.5	500.3	999.9	99.9	999.9	32.5	63.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
CENTERVILLE, ALABAMA

9 MAY 1979
2007 GMT

163 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.0	163.0	995.0	28.1	19.9	150.0	5.1	-2.6	4.4	301.6	341.2	14.9	61.0	0.0	0.
99.0	99.0	99.0	1000.0	99.9	99.9	99.0	99.0	99.0	99.0	999.9	99.0	999.9	999.0	999.	
0.0	0.0	328.0	975.0	26.3	18.2	999.9	99.9	99.9	99.0	299.6	335.9	13.7	68.9	999.9	999.
1.5	11.1	554.4	950.0	22.7	18.3	999.9	99.9	99.9	99.0	300.2	337.6	14.1	78.2	999.9	999.
2.6	13.5	786.5	925.0	20.6	16.1	999.9	99.9	99.9	99.9	300.3	333.9	12.6	75.5	999.9	999.
3.5	15.9	1023.1	900.0	19.1	15.5	999.9	99.9	99.9	99.9	301.2	334.4	12.4	79.6	999.9	999.
4.2	18.3	1265.1	875.0	16.9	13.4	164.2	4.3	-1.2	4.2	301.3	331.4	11.2	80.1	1.1	338.
5.0	20.8	1512.3	850.0	15.5	12.3	175.6	3.7	-0.3	3.6	302.4	331.3	10.7	81.2	1.3	340.
6.0	23.3	1765.6	825.0	13.8	10.4	182.9	3.8	0.2	3.8	303.1	329.6	9.7	80.3	1.5	342.
6.8	25.8	2024.8	800.0	12.0	9.4	197.3	3.8	1.1	3.6	304.0	329.6	9.3	83.9	1.7	346.
7.8	28.3	2290.4	775.0	9.9	7.2	217.7	4.6	2.8	3.6	304.5	327.4	8.3	83.1	1.9	350.
8.9	31.0	2562.9	750.0	9.8	-6.3	222.5	7.0	4.8	5.2	307.3	316.7	3.2	31.4	2.1	357.
10.0	33.6	2565.2	725.0	10.3	-11.8	218.9	8.1	5.1	6.3	310.8	317.4	2.1	19.8	2.5	6.
11.1	36.2	3135.9	700.0	9.0	-14.8	212.4	9.4	5.0	7.9	312.4	317.9	1.7	17.0	3.0	11.
12.1	39.0	3435.9	675.0	7.2	-11.1	211.9	7.9	4.2	6.7	313.7	321.2	2.4	25.9	3.6	14.
13.3	41.8	3745.6	650.0	5.7	-10.7	209.3	5.6	2.8	4.9	315.4	323.5	2.6	29.7	4.0	17.
14.5	44.6	4065.1	625.0	3.7	-14.6	207.0	4.5	2.0	4.0	316.7	323.1	2.0	25.0	4.4	19.
15.7	47.4	4396.0	600.0	3.2	-33.1	245.4	3.4	3.1	1.4	319.9	321.2	0.4	4.8	4.6	18.
17.0	50.4	4739.5	575.0	1.1	-34.5	273.0	3.7	3.7	-0.2	321.3	322.6	0.4	4.9	4.7	21.
18.3	53.4	5094.7	550.0	-2.0	-37.6	277.9	4.3	4.2	-0.6	321.7	322.8	0.3	4.5	4.8	25.
19.6	56.5	5462.2	525.0	-4.9	-40.7	274.7	4.9	4.9	-0.4	322.6	323.3	0.2	4.0	4.9	29.
21.1	59.8	5843.1	500.0	-8.3	-42.0	260.3	5.8	5.8	1.0	323.8	323.8	0.2	4.5	5.1	34.
22.5	63.0	6238.7	475.0	-11.5	-43.5	248.0	5.3	4.8	2.2	323.8	324.4	0.2	5.0	5.6	37.
23.9	66.3	6653.8	450.0	-14.6	-44.1	247.0	4.9	4.5	1.9	324.9	325.5	0.2	6.0	5.9	39.
25.7	69.7	7091.2	425.0	-17.3	-36.1	238.4	6.8	5.8	3.6	326.8	328.3	0.4	18.0	6.4	41.
27.3	73.3	7532.1	400.0	-21.5	-34.7	241.6	7.2	6.3	3.4	327.1	328.8	0.5	29.0	7.1	42.
28.9	77.0	8003.4	375.0	-26.2	-36.4	242.2	7.7	6.8	3.6	327.0	328.6	0.4	37.1	7.8	44.
30.6	80.9	8498.4	350.0	-30.4	-34.8	236.7	8.3	6.9	4.5	327.8	329.8	0.6	65.0	8.6	46.
32.4	84.9	9020.6	325.0	-34.9	-37.9	231.8	9.4	7.4	5.8	328.6	330.2	0.4	73.1	9.5	46.
34.5	89.2	9573.6	300.0	-39.0	-47.7	241.8	12.4	10.9	5.8	330.5	331.1	0.2	38.8	10.6	48.
36.4	93.6	10170.1	275.0	-39.7	99.9	246.9	16.0	16.6	7.1	337.8	999.9	99.9	999.9	12.7	50.
38.8	98.2	10815.2	250.0	-44.8	99.9	246.8	17.4	16.0	6.9	339.5	999.9	99.9	999.9	15.0	53.
41.3	103.2	11511.3	225.0	-50.2	99.9	245.2	18.3	16.8	6.9	341.5	999.9	99.9	999.9	17.5	55.
44.0	108.5	12272.8	200.0	-54.2	99.9	245.5	17.5	15.9	7.3	347.0	999.9	99.9	999.9	20.0	56.
47.1	114.3	13123.8	175.0	-57.6	99.9	258.1	18.0	17.6	3.7	356.8	999.9	99.9	999.9	23.4	59.
50.4	120.8	14090.8	150.0	-60.3	99.9	253.9	18.6	17.9	5.2	366.3	999.9	99.9	999.9	26.7	61.
54.2	127.7	15217.5	125.0	-63.3	99.9	260.3	19.0	18.7	3.2	380.3	999.9	99.9	999.9	31.0	63.
58.7	135.7	16578.6	100.0	-66.8	99.9	267.8	13.8	13.8	0.5	398.7	999.9	99.9	999.9	35.1	66.
64.0	144.3	18305.4	75.0	-67.2	99.9	252.3	6.8	6.5	2.1	432.0	999.9	99.9	999.9	38.4	68.
71.3	154.0	20778.9	50.0	-62.1	99.9	122.6	3.8	-3.2	2.1	497.1	999.9	99.9	999.9	38.6	68.
82.3	163.3	25233.3	25.0	-48.6	99.9	999.9	99.9	99.9	99.9	648.3	999.9	99.9	999.9	36.4	68.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
CENTERVILLE, ALABAMA

9 MAY 1979
2305 GMT

161 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.0	140.0	994.8	27.5	19.6	150.0	3.1	-1.5	2.7	301.1	339.9	14.6	62.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	8.9	317.5	975.0	25.3	17.5	999.9	99.9	99.9	99.9	300.7	335.4	13.0	61.8	999.9	999.
1.5	11.3	545.7	950.0	23.7	17.2	999.9	99.9	99.9	99.9	301.2	336.3	13.1	67.1	999.9	999.
2.3	13.6	774.7	925.0	21.4	16.4	132.1	4.5	-3.4	3.0	301.2	335.5	12.8	73.0	0.5	325.
3.2	16.1	1010.3	900.0	19.3	16.2	133.8	5.6	-4.0	3.9	301.4	336.2	13.0	82.3	0.8	320.
4.0	18.5	1253.2	875.0	17.0	14.5	143.2	5.7	-3.4	4.6	301.5	333.7	12.0	85.0	1.1	319.
4.9	21.0	1505.4	850.0	15.6	11.9	155.2	6.1	-2.6	5.6	302.5	330.7	10.4	78.6	1.4	322.
5.8	23.5	1770.7	825.0	13.6	11.3	159.0	4.9	-1.8	4.5	303.0	331.0	10.3	88.1	1.7	325.
6.9	26.1	2047.9	800.0	11.8	9.0	188.1	4.3	0.6	4.3	303.7	328.7	9.1	83.2	1.9	327.
8.1	28.7	2337.7	775.0	11.1	0.4	229.7	7.3	5.6	4.7	305.8	320.7	5.2	48.4	2.1	336.
9.2	31.3	2597.3	750.0	10.7	-6.9	235.0	9.5	7.8	5.5	308.2	317.2	3.0	28.3	2.3	352.
10.3	34.0	2834.0	725.0	8.4	-12.5	225.0	9.1	6.4	6.4	309.2	315.4	2.0	20.6	2.7	4.
11.3	36.7	3121.6	700.0	9.1	-22.9	204.4	7.8	3.2	7.1	312.6	316.6	1.3	12.0	3.1	9.
12.4	39.4	3420.4	675.0	7.7	-18.3	189.4	5.6	0.9	5.5	314.2	318.6	1.3	13.8	3.6	10.
13.5	42.2	3730.0	650.0	6.9	-34.6	206.3	3.8	1.6	3.2	316.8	318.0	0.3	3.6	3.9	9.
14.7	45.1	4050.1	625.0	5.6	-46.5	254.7	3.8	3.6	1.0	318.8	319.2	0.1	1.0	4.0	12.
16.3	48.3	4382.0	600.0	3.2	-48.3	271.9	5.5	5.5	-0.2	319.9	320.2	0.1	1.0	4.1	16.
17.2	51.0	4734.4	575.0	0.6	-49.6	276.4	6.7	6.6	-0.7	320.7	320.9	0.1	1.0	4.2	22.
18.5	54.1	5094.3	550.0	-2.7	-51.7	274.1	5.9	5.9	-0.4	320.9	321.1	0.1	1.0	4.4	29.
19.9	57.1	5456.3	525.0	-5.4	-53.4	255.1	4.9	4.8	1.3	321.9	322.1	0.0	1.0	4.6	33.
21.3	60.4	5836.5	500.0	-8.3	-55.2	237.0	5.2	4.3	2.3	323.0	323.1	0.0	1.0	4.9	35.
22.6	63.7	6232.0	475.0	-11.5	-57.2	235.5	5.1	4.2	2.9	323.8	323.9	0.0	1.0	5.4	37.
24.3	67.1	6643.4	450.0	-14.7	-59.2	230.8	5.2	4.0	3.3	324.8	324.9	0.0	1.0	5.9	39.
25.2	70.6	7074.1	425.0	-17.5	-38.9	230.9	5.9	4.6	3.7	326.5	327.7	0.3	13.6	6.5	40.
27.9	74.2	7528.4	400.0	-21.7	-37.0	226.9	7.9	5.8	5.4	328.8	328.3	0.4	23.5	7.2	41.
29.6	78.0	7999.5	375.0	-26.4	-37.0	221.9	8.4	5.6	6.3	326.7	328.2	0.4	35.6	8.0	41.
31.1	81.8	8493.0	350.0	-31.0	-36.9	219.1	9.7	6.1	7.5	327.0	328.6	0.5	56.0	8.9	41.
33.1	85.9	9010.1	325.0	-35.8	-36.3	222.2	10.2	6.9	7.6	327.4	328.9	0.4	77.8	10.0	41.
35.4	90.2	9564.4	300.0	-36.9	-57.6	244.6	13.7	12.4	5.9	333.3	333.5	0.1	9.6	11.6	43.
37.7	94.7	10162.1	275.0	-40.2	99.9	250.5	16.5	15.5	5.5	337.0	999.9	99.9	999.9	13.6	47.
40.3	99.4	10805.7	250.0	-45.4	99.9	250.9	15.9	15.0	5.2	338.6	999.9	99.9	999.9	15.9	51.
42.9	104.4	11500.0	225.0	-52.7	99.9	249.7	15.9	14.9	5.5	340.8	999.9	99.9	999.9	18.3	53.
45.5	109.9	12263.1	200.0	-56.6	99.9	254.2	19.2	18.4	5.2	346.3	999.9	99.9	999.9	21.1	56.
48.3	115.8	13104.0	175.0	-57.2	99.9	253.3	18.8	18.0	5.4	355.5	999.9	99.9	999.9	24.9	59.
50.8	121.0	14017.7	150.0	-61.2	99.9	253.1	18.5	17.7	5.4	364.7	999.9	99.9	999.9	28.9	61.
53.0	124.0	15197.2	125.0	-64.6	99.9	259.3	19.1	18.8	3.6	377.9	999.9	99.9	999.9	33.3	62.
62.0	137.0	19553.9	100.0	-66.6	99.9	275.2	16.4	16.3	-1.5	399.1	999.9	99.9	999.9	38.5	66.
68.1	145.3	22287.1	75.0	-67.0	99.9	236.0	7.1	5.8	4.2	432.5	999.9	99.9	999.9	42.1	69.
76.3	154.3	20742.4	50.0	-63.4	99.9	92.7	5.1	-5.1	0.2	496.2	999.9	99.9	999.9	44.8	67.
89.6	163.3	29216.8	25.0	-47.8	99.9	64.5	3.0	-2.7	-1.3	647.7	999.9	99.9	999.9	36.8	72.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
CENTERVILLE, ALABAMA

10 MAY 1979
205 GMT

164 10. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.0	140.0	996.1	23.1	20.8	80.8	2.6	-2.6	-0.5	296.6	337.6	18.8	87.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.8	8.9	328.3	975.5	25.2	18.7	118.1	6.5	-5.7	3.1	300.6	337.9	14.1	67.0	0.3	289.
1.7	11.2	556.6	950.0	23.7	17.4	129.3	7.1	-5.5	4.5	301.2	336.8	13.2	68.1	0.7	298.
2.6	13.5	789.4	925.0	21.5	16.4	136.4	7.2	-5.0	5.2	301.3	335.7	12.8	72.7	1.0	304.
3.5	15.8	1026.8	900.0	19.4	15.2	149.3	6.9	-3.5	5.9	301.6	334.2	12.2	76.2	1.4	309.
4.5	18.2	1269.1	875.0	17.2	14.4	154.0	6.6	-2.9	5.9	301.7	333.6	11.9	83.2	1.8	314.
5.4	20.6	1516.6	850.0	15.5	12.3	155.2	6.9	-2.9	6.3	302.4	331.4	10.7	81.1	2.2	318.
6.5	23.0	1769.6	825.0	13.5	10.1	158.4	6.2	-2.3	5.7	302.8	328.8	9.5	80.2	2.5	321.
7.5	25.5	2029.7	800.0	11.6	8.0	165.1	5.1	-1.3	4.9	303.5	326.9	8.5	78.6	2.9	323.
8.5	28.0	2293.7	775.0	10.0	2.1	202.1	4.1	1.5	3.8	304.6	320.8	5.7	57.7	3.1	325.
9.5	30.5	2566.4	750.0	9.4	-3.5	229.1	4.0	2.5	3.9	306.8	318.4	4.8	40.8	3.2	330.
10.6	33.1	2846.9	725.0	8.1	-7.3	239.1	7.6	6.5	3.9	308.3	317.4	3.1	32.8	3.2	339.
11.7	35.7	3135.9	700.0	8.0	-19.2	230.5	4.7	3.6	3.0	311.4	315.3	1.2	13.3	3.4	347.
13.0	38.4	3436.1	675.0	8.5	-23.1	226.6	2.3	1.7	1.6	315.2	318.1	0.9	8.5	3.5	350.
14.1	41.1	3746.8	650.0	6.6	-24.3	256.4	1.9	1.8	0.6	316.5	319.2	0.8	8.7	3.5	352.
15.2	43.9	4067.5	625.0	5.2	-25.3	270.6	2.4	2.4	-0.0	318.4	321.0	0.8	8.8	3.5	354.
16.3	46.7	4398.9	600.0	2.7	-26.5	266.0	3.3	3.3	0.2	319.2	321.7	0.7	9.4	3.5	357.
17.4	49.6	4741.2	575.0	-0.2	-28.6	253.3	4.4	4.2	1.3	319.8	321.9	0.6	9.5	3.6	1.
18.6	52.5	5095.1	550.0	-2.8	-31.2	265.5	4.7	4.7	0.4	320.8	322.5	0.5	9.8	3.6	6.
19.9	55.6	5462.0	525.0	-5.3	-31.9	283.7	5.5	5.3	-1.3	322.1	323.8	0.5	10.2	3.7	12.
21.4	58.8	5842.5	500.0	-8.7	-30.6	299.0	6.7	5.8	-3.2	322.4	324.5	0.6	15.0	3.8	21.
22.9	62.0	6237.1	475.0	-12.2	-36.0	279.6	6.6	6.5	-1.1	322.9	324.2	0.4	11.6	3.8	30.
24.3	65.3	6648.5	450.0	-14.9	-36.8	252.7	9.5	9.1	2.8	324.5	325.8	0.4	13.4	4.0	37.
25.7	68.6	7078.2	425.0	-18.6	-35.8	247.3	11.5	10.7	4.5	325.2	326.7	0.4	20.2	4.9	43.
27.3	72.1	7525.4	400.0	-23.0	-36.7	245.4	10.3	9.4	4.3	325.1	326.5	0.4	27.1	5.8	47.
28.9	75.7	7995.3	375.0	-27.3	-37.4	243.1	10.0	8.9	4.5	325.5	327.0	0.4	37.2	6.7	49.
30.4	79.5	8497.2	350.0	-32.4	-38.4	239.8	10.6	9.1	5.3	325.1	326.5	0.4	54.9	7.6	51.
32.3	83.5	9027.2	325.0	-34.2	-49.0	245.5	12.9	11.7	5.3	329.5	330.0	0.1	20.7	8.9	52.
34.4	87.6	9563.4	300.0	-37.7	-53.3	253.0	14.3	13.6	4.2	332.3	332.6	0.1	17.6	10.6	55.
36.7	92.0	10158.7	275.0	-41.5	99.9	252.4	15.3	14.6	4.6	335.1	999.9	99.9	999.9	12.5	58.
39.1	96.6	10799.4	253.0	-46.1	99.9	247.4	15.4	14.2	5.9	337.6	999.9	99.9	999.9	14.7	60.
41.6	101.4	11491.9	225.0	-51.3	99.9	243.4	15.3	13.7	6.8	339.9	999.9	99.9	999.9	17.1	61.
44.5	106.8	12250.8	200.0	-56.3	99.9	249.1	17.8	16.6	6.4	346.8	999.9	99.9	999.9	19.8	61.
47.9	112.8	13099.3	175.0	-57.3	99.9	253.9	18.7	17.9	5.2	355.4	999.9	99.9	999.9	23.3	63.
51.4	119.0	14066.7	150.0	-60.8	99.9	260.6	19.4	19.2	3.2	365.4	999.9	99.9	999.9	27.5	65.
55.9	126.3	15192.8	125.0	-63.9	99.9	263.0	18.8	18.5	2.8	379.3	999.9	99.9	999.9	32.2	67.
60.7	134.7	16556.8	100.0	-66.6	99.9	273.4	13.8	13.7	-0.8	399.1	999.9	9 .9	999.9	36.8	70.
66.9	144.3	18280.1	75.0	-68.5	99.9	236.4	8.8	5.8	3.3	429.3	999.9	9 .9	999.9	40.1	73.
75.4	155.3	20743.8	50.0	-62.	99.9	69.7	8.2	-5.8	-2.2	497.3	999.9	9 .9	999.9	39.2	73.
88.1	168.3	25166.3	25.0	-50.8	99.9	64.8	5.6	-5.6	-0.5	639.1	999.9	9 .9	999.9	34.2	75.

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STATION NO. 229
CENTERVILLE, ALABAMA

10 MAY 1979
500 GMT

166 9. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	7.7	101.1	996.7	21.3	21.3	60.0	2.6	-2.3	-1.3	294.7	336.5	16.2	99.9	0.0	0.
99.9	9.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	0.7	332.4	973.0	23.7	16.9	999.9	99.9	99.9	99.9	299.3	336.6	14.3	70.6	999.9	999.
1.5	12.1	563.2	943.0	23.7	16.5	999.9	99.9	99.9	99.9	30. 3	334.9	12.6	64.0	0.9	312.
2.7	14.5	792.9	925.0	21.6	14.9	153.0	8.3	-3.7	7.4	301.4	332.5	11.5	65.3	1.4	319.
3.7	15.9	1030.4	900.0	19.7	14.1	155.1	8.8	-3.7	8.0	301.8	332.4	11.3	69.8	1.9	323.
4.8	17.3	1272.1	875.0	17.3	13.3	159.0	8.3	-3.0	7.8	301.7	331.1	10.9	76.0	2.4	326.
5.7	21.9	1524.2	850.0	15.5	10.9	163.5	8.1	-2.3	7.8	302.4	328.7	9.7	73.6	2.9	329.
6.7	24.3	1773.3	825.0	13.8	8.3	166.8	9.0	-2.1	8.8	303.1	326.2	8.4	69.4	3.4	331.
7.7	26.8	2332.4	800.0	12.2	5.2	165.5	8.0	-2.0	7.8	304.1	323.6	7.0	62.4	3.9	333.
8.8	29.4	2287.8	775.0	10.5	-0.7	173.0	6.7	-0.8	6.6	305.1	318.6	4.7	45.7	4.3	335.
9.8	31.3	2540.3	750.0	9.2	-4.6	184.6	5.8	0.5	5.8	306.6	317.2	3.6	37.1	4.7	337.
10.9	34.7	2793.5	725.0	7.6	-11.6	196.2	4.6	1.3	4.5	307.8	314.5	2.2	24.6	4.9	339.
11.9	37.3	3046.4	700.0	9.4	-44.2	231.3	2.6	2.0	1.6	312.9	313.3	0.1	1.0	5.1	341.
13.1	40.1	3300.7	675.0	8.5	-44.7	265.0	3.1	3.1	0.3	315.2	315.6	0.1	1.0	5.1	342.
14.3	42.9	3751.6	650.0	7.2	-45.5	248.2	4.3	4.1	-1.0	317.1	317.5	0.1	1.0	5.0	346.
15.5	45.9	3807.1	625.0	5.2	-46.7	295.5	4.9	4.4	-2.1	318.4	318.7	0.1	1.0	4.8	349.
16.9	48.6	4054.1	600.0	3.0	-48.1	313.4	6.7	4.8	-4.7	319.6	319.9	0.1	1.0	4.4	353.
18.1	51.6	4307.1	575.0	0.8	-49.4	312.3	8.0	5.9	-5.4	321.0	321.3	0.1	1.0	4.0	358.
19.4	54.8	4560.3	550.0	-2.1	-43.8	312.9	9.2	6.8	-6.3	321.6	322.1	0.1	2.4	3.6	0.
20.8	57.9	4813.1	525.0	-5.5	-41.2	312.6	8.2	6.0	-5.6	321.8	322.5	0.2	4.0	3.2	16.
22.0	61.2	5066.2	500.0	-9.0	-38.3	305.3	7.6	6.2	-4.4	322.0	323.0	0.3	7.2	3.0	29.
23.4	64.3	5263.3	475.0	-12.7	-36.7	294.1	7.0	6.4	-2.9	322.3	323.5	0.3	11.3	3.1	46.
24.7	67.6	5553.6	450.0	-15.6	-41.6	263.3	7.0	6.9	0.8	323.7	324.5	0.2	8.6	3.5	55.
25.8	71.0	5791.7	425.0	-19.1	-41.9	243.9	8.3	7.5	3.7	324.5	325.3	0.2	11.2	4.2	58.
26.5	74.4	7329.1	400.0	-23.6	-40.6	239.9	8.8	7.6	4.4	324.3	325.3	0.3	19.1	5.1	58.
31.5	78.3	7496.5	375.0	-28.0	-39.2	241.9	9.7	8.6	4.6	324.5	325.7	0.3	33.1	6.2	59.
33.5	82.1	8347.6	350.0	-33.7	-49.9	249.2	10.2	9.5	3.6	327.4	327.8	0.1	13.2	7.4	59.
35.7	87.2	8334.7	325.0	-38.5	-56.4	252.9	9.7	9.3	2.9	329.1	329.4	0.1	8.6	8.6	62.
37.9	90.3	8585.4	300.0	-37.8	-59.1	250.5	12.2	11.5	4.1	332.1	332.3	0.0	8.6	10.0	63.
40.3	94.7	13161.8	275.0	-41.4	99.9	249.4	14.7	13.8	5.2	335.3	999.9	99.9	999.9	12.0	64.
43.1	99.4	13402.6	250.0	-45.9	99.9	253.4	14.9	14.3	4.3	337.8	999.9	99.9	999.9	14.5	65.
45.9	104.3	13646.3	225.0	-50.8	99.9	254.6	15.1	14.6	4.0	340.6	999.9	99.9	999.9	16.9	67.
48.9	109.4	12255.5	200.0	-54.8	99.9	255.9	16.1	15.7	3.9	346.9	999.9	99.9	999.9	19.7	68.
52.1	115.3	13104.9	175.0	-56.5	99.9	257.1	17.0	16.9	3.8	356.6	999.9	99.9	999.9	23.0	69.
56.3	121.5	14375.6	150.0	-60.1	99.9	261.1	17.5	17.3	2.7	366.7	999.9	99.9	999.9	27.1	70.
60.6	128.5	15205.2	125.0	-63.8	99.9	266.9	19.5	19.4	1.1	379.5	999.9	99.9	999.9	32.1	72.
65.9	136.3	16561.7	100.0	-67.1	99.9	268.3	14.1	14.1	0.4	398.0	999.9	99.9	999.9	37.2	75.
72.6	145.3	18285.3	75.0	-68.7	99.9	210.9	5.5	2.8	4.7	428.9	999.9	99.9	999.9	40.5	76.
81.9	155.3	20752.2	50.0	-62.6	99. 9	95.1	5.1	-5.1	0.5	496.1	999.9	99.9	999.9	39.5	75.
95.9	166.9	25158.9	25.0	-48.5	9%.	117.6	5.4	-4.8	2.5	645.1	999.9	99.9	999.9	34.9	78.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 > 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEE INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 229
CENTERVILLE, ALABAMA

10 MAY 1979
806 GMT

161 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.0	140.0	996.0	21.1	19.7	180.0	3.1	-1.1	2.9	294.8	332.7	14.7	92.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	0.0	325.2	975.0	20.9	19.2	999.9	99.9	99.9	99.9	296.2	334.2	14.6	89.9	999.9	999.
1.6	11.1	551.6	950.0	22.7	18.7	999.9	99.9	99.9	99.9	300.2	338.6	14.5	78.1	0.8	14.
2.6	13.5	784.0	925.0	21.0	17.0	165.9	11.4	-2.8	11.1	300.8	336.4	13.3	77.7	1.5	5.
3.5	15.9	1021.3	900.0	19.8	15.8	164.5	9.2	-2.5	8.8	301.9	336.0	12.7	77.9	2.0	350.
4.5	18.2	1263.9	875.0	17.6	14.5	173.0	7.9	-1.0	7.8	302.0	334.3	12.8	82.2	2.5	356.
5.6	20.6	1511.6	850.0	15.6	13.5	178.5	7.5	-0.5	7.5	302.5	333.8	11.6	87.3	3.0	356.
6.6	23.1	1764.8	825.0	13.6	11.1	178.1	7.4	-0.2	7.4	303.0	330.5	10.1	84.7	3.5	356.
7.7	25.6	2024.2	800.0	12.9	4.2	177.0	7.3	-0.4	7.2	304.9	323.3	6.5	55.9	3.9	357.
8.8	28.1	2291.0	775.0	12.8	-8.2	182.7	7.6	0.4	7.6	307.6	316.8	3.1	26.8	4.4	357.
9.9	30.8	2565.0	750.0	10.5	-8.3	188.8	6.8	1.0	6.7	308.8	316.1	2.7	25.8	4.8	358.
10.9	33.2	2846.0	725.0	9.2	-25.1	183.5	4.5	0.3	4.5	309.6	312.4	0.9	8.9	5.2	358.
12.1	35.9	3137.1	700.0	10.1	-43.7	242.1	1.4	1.3	0.7	313.6	314.0	0.1	1.0	5.4	358.
13.3	38.6	3438.6	675.0	9.3	-44.2	309.9	3.0	2.3	-1.9	316.1	316.5	0.1	1.0	5.3	359.
14.6	41.3	3750.1	650.0	7.9	-45.0	320.0	5.2	3.3	-4.0	318.0	318.4	0.1	1.0	5.1	2.
15.9	44.1	4071.8	625.0	6.0	-46.3	335.6	6.6	2.7	-6.0	319.3	319.6	0.1	1.0	4.7	5.
17.1	47.0	4404.1	600.0	3.5	-47.8	335.8	7.8	3.2	-7.1	320.1	320.5	0.1	1.0	4.2	8.
18.4	49.9	4747.3	575.0	0.2	-46.2	324.8	8.7	5.1	-7.1	320.2	320.6	0.1	1.0	3.7	15.
19.8	52.9	5101.2	550.0	-2.5	-41.7	317.1	8.4	5.7	-6.1	321.2	321.8	0.2	3.0	3.4	25.
21.2	55.9	5467.4	525.0	-6.2	-39.2	315.1	9.2	6.5	-6.5	320.9	321.8	0.2	5.2	3.2	37.
22.7	59.0	5846.2	500.0	-9.8	-39.2	308.0	10.3	8.1	-6.4	321.1	322.0	0.2	6.4	3.2	53.
24.2	62.3	6239.3	475.0	-13.6	-38.8	296.5	10.9	9.9	-4.5	321.2	322.2	0.3	9.0	3.7	67.
25.9	65.6	6647.7	450.0	-17.0	-36.4	271.0	10.0	10.0	-0.2	321.9	323.2	0.4	10.7	4.5	75.
27.6	69.0	7073.7	425.0	-20.5	-38.6	254.2	8.9	8.5	2.4	322.8	323.9	0.3	17.8	5.4	76.
29.2	72.4	7518.9	400.0	-24.8	-37.9	249.8	8.9	8.4	3.1	322.7	324.0	0.4	28.2	6.4	75.
31.1	76.1	7986.5	375.0	-27.7	-49.7	271.1	8.4	8.4	-0.2	326.9	328.4	0.1	10.2	7.3	75.
33.1	79.9	8478.0	350.0	-30.7	-56.6	280.0	6.8	6.9	-2.2	327.4	327.6	0.0	5.8	8.2	78.
35.2	83.8	9000.4	325.0	-34.1	-59.5	281.2	6.3	6.2	-1.2	329.7	329.8	0.0	5.6	8.8	81.
37.6	88.0	9556.3	300.0	-38.2	-60.6	262.4	9.1	9.0	1.2	331.6	331.7	0.0	7.3	9.9	82.
39.9	92.3	10151.3	275.0	-41.8	99.9	260.1	12.2	12.0	2.1	334.7	999.9	99.9	999.9	11.4	81.
42.4	96.8	10791.4	250.0	-46.2	99.9	257.1	13.7	13.4	3.1	337.4	999.9	99.9	999.9	13.4	81.
45.3	101.8	11483.8	225.0	-51.1	99.9	261.9	13.4	13.2	1.9	340.3	999.9	99.9	999.9	15.8	81.
48.6	107.0	12242.2	200.0	-54.6	99.9	271.1	14.8	14.8	-0.3	346.3	999.9	99.9	999.9	18.3	82.
51.6	112.5	13090.1	175.0	-58.0	99.9	285.5	16.0	15.9	1.2	354.3	999.9	99.9	999.9	21.1	83.
55.5	118.8	14058.7	150.0	-59.9	99.9	272.0	19.1	19.1	-0.7	367.3	999.9	99.9	999.9	25.5	83.
59.8	125.5	15187.6	125.0	-64.1	99.9	272.6	18.2	18.2	-0.8	378.9	999.9	99.9	999.9	30.1	85.
65.1	133.3	16565.1	100.0	-67.1	99.9	285.3	12.9	12.9	1.1	390.1	999.9	99.9	999.9	34.9	86.
71.3	141.7	18259.2	75.0	-70.6	99.9	235.1	4.2	3.4	2.4	426.8	999.9	99.9	999.9	37.7	85.
78.8	151.0	20716.2	50.0	-61.7	99.9	128.5	5.1	-4.0	3.2	498.1	999.9	99.9	999.9	37.3	85.
93.0	180.7	25135.6	25.0	-49.4	99.9	999.9	99.9	99.9	99.9	643.2	999.9	99.9	999.9	33.3	89.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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STATION NO. 229
CENTERVILLE, ALABAMA

10 MAY 1979
1100 GMT

161 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.0	140.0	997.1	19.6	19.1	180.0	2.1	0.0	2.1	293.0	329.3	14.1	97.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	0.0	338.2	975.0	20.0	19.1	197.4	8.5	2.5	8.1	295.3	332.0	14.5	94.8	0.3	11.
1.4	11.3	559.1	950.0	19.9	19.0	230.4	6.0	2.1	5.6	297.4	336.0	14.8	94.7	0.7	19.
2.5	13.5	799.3	925.0	19.5	18.2	190.6	8.2	1.1	8.1	299.2	337.3	14.4	92.5	0.9	17.
3.5	15.7	1027.3	900.0	19.1	14.7	178.8	8.6	-0.2	8.6	301.2	333.0	11.8	75.5	1.4	13.
4.4	18.2	1254.1	875.0	17.6	13.1	173.8	7.5	-0.8	7.5	302.0	331.5	10.9	74.9	1.8	9.
5.4	20.7	1516.6	850.0	15.6	11.3	176.9	8.3	-0.4	8.3	302.4	329.6	10.0	75.9	2.3	6.
6.4	23.2	1764.4	825.0	14.2	7.1	183.5	9.2	0.6	9.2	303.7	325.0	7.7	62.1	2.8	5.
7.3	25.8	2024.2	800.0	12.8	-1.3	187.0	8.1	1.0	8.0	304.6	317.4	4.4	37.8	3.3	5.
8.3	28.3	2284.1	775.0	11.4	-2.1	187.4	8.7	0.9	8.6	306.1	319.6	4.3	39.5	3.7	5.
9.3	31.0	2544.3	750.0	9.9	-7.9	187.1	7.6	0.9	7.6	307.4	315.8	2.8	27.6	4.1	5.
10.3	33.7	2804.3	725.0	8.4	-13.2	185.5	7.4	1.1	7.3	308.6	314.6	1.9	20.4	4.6	6.
11.3	36.3	3064.7	700.0	8.8	-37.2	209.7	3.5	1.7	3.1	312.3	313.1	0.2	2.4	5.0	6.
12.4	39.1	3327.3	675.0	9.4	-44.2	346.4	2.8	0.7	-2.7	316.1	316.5	0.1	1.0	4.9	8.
13.6	41.9	3591.3	650.0	8.4	-44.9	353.2	5.3	0.6	-5.3	318.5	318.9	0.1	1.0	4.7	7.
14.8	44.8	3857.4	625.0	5.9	-42.6	342.7	6.3	1.9	-6.0	319.2	319.7	0.1	1.5	4.2	9.
15.9	47.6	4125.7	600.0	3.2	-39.4	333.3	7.5	3.4	-6.7	319.8	320.6	0.2	2.6	3.9	12.
17.1	50.6	4394.2	575.0	2.0	-40.3	330.8	8.7	4.3	-7.6	320.0	320.8	0.2	2.9	3.4	19.
18.4	53.6	4664.0	550.0	-3.1	-39.1	327.2	9.3	5.0	-7.8	320.2	321.1	0.2	3.2	3.0	29.
19.7	56.8	4935.3	525.0	-6.6	-39.4	322.6	9.5	5.8	-7.6	320.4	321.3	0.2	3.3	2.8	43.
21.2	60.0	5208.3	500.0	-10.4	-40.6	322.4	7.8	4.8	-6.2	320.3	321.1	0.2	3.4	2.8	59.
22.6	63.3	5482.3	475.0	-14.3	-39.7	325.3	6.2	3.6	-5.1	320.3	321.2	0.3	3.5	2.9	71.
23.2	66.6	5757.8	450.0	-18.0	-40.5	316.9	5.2	3.7	-3.7	320.7	321.5	0.2	11.8	3.1	80.
24.9	70.1	6034.3	425.0	-21.2	-41.9	277.8	5.3	4.9	-0.7	321.8	322.6	0.2	13.6	3.4	85.
26.5	73.7	6312.9	400.0	-24.2	-51.1	277.0	5.9	5.9	-0.7	323.5	323.8	0.1	8.3	4.0	85.
28.3	77.5	6591.1	375.0	-26.5	-55.6	301.0	5.7	4.9	-2.9	326.5	326.7	0.1	4.5	4.6	89.
31.0	81.3	6870.1	350.0	-29.9	-59.3	313.1	4.4	3.2	-3.0	328.5	328.6	0.0	3.9	5.0	93.
32.9	85.4	7150.4	325.0	-33.7	-54.2	325.6	4.8	2.7	-4.0	330.2	330.4	0.0	5.6	5.3	96.
34.9	89.7	7431.4	300.0	-36.5	-60.9	312.4	4.8	3.6	-3.1	331.1	331.2	0.0	7.3	5.7	101.
37.0	94.2	7713.3	275.0	-42.3	99.9	277.1	7.1	7.1	-0.9	334.0	999.9	99.9	999.9	6.4	108.
39.2	98.8	7997.6	250.0	-47.1	99.9	276.4	9.7	9.6	-1.1	336.0	999.9	99.9	999.9	7.5	110.
41.7	103.8	8287.6	225.0	-51.0	99.9	260.4	10.8	10.7	1.8	340.4	999.9	99.9	999.9	9.0	99.
44.5	109.3	8583.7	200.0	-54.0	99.9	262.8	13.0	12.9	1.6	347.3	999.9	99.9	999.9	10.9	95.
47.6	115.3	8892.9	175.0	-57.1	99.9	272.7	14.8	14.8	-0.7	355.7	999.9	99.9	999.9	13.3	94.
50.9	121.7	9202.5	150.0	-59.8	99.9	274.3	16.8	16.8	-1.3	367.0	999.9	99.9	999.9	16.6	96.
54.7	128.3	9519.3	125.0	-62.6	99.9	270.7	16.7	16.7	-0.2	381.7	999.9	99.9	999.9	20.4	96.
59.1	136.3	9856.1	100.0	-65.2	99.9	260.0	12.0	11.9	2.1	401.7	999.9	99.9	999.9	24.2	92.
64.4	144.3	10299.0	75.0	-69.8	99.9	200.4	4.2	1.5	4.0	426.7	999.9	99.9	999.9	28.3	91.
71.8	153.0	10759.8	50.0	-62.5	99.9	52.8	6.8	-5.4	-4.1	498.1	999.9	99.9	999.9	25.9	92.
83.1	161.7	25209.8	25.0	-47.6	99.9	999.9	99.9	99.9	99.9	648.3	999.9	99.9	999.9	22.8	98.

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STATION NO. 232
BOOTHVILLE, LOUISIANA

9 MAY 1979
1100 GMT

184 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.1	1.0	1010.5	20.4	19.7	130.0	2.1	-1.6	1.3	292.7	329.9	14.5	96.0	0.0	0.
0.3	5.0	91.0	1000.0	21.0	20.6	206.9	6.0	3.1	6.0	295.0	335.0	15.5	92.7	0.3	207.
1.1	7.0	312.4	975.0	20.7	19.2	185.6	5.0	0.6	5.7	296.0	334.0	14.6	91.2	0.3	331.
1.7	9.3	517.3	950.0	18.7	16.5	171.3	6.3	-1.0	6.3	296.2	329.4	12.7	87.5	0.6	340.
2.7	11.4	706.2	925.0	18.8	8.8	180.8	6.3	0.1	6.3	298.3	319.3	7.7	53.1	0.9	345.
3.7	13.7	1002.3	900.0	19.6	8.0	189.5	6.4	1.1	6.3	301.7	322.4	7.5	46.8	1.2	351.
4.5	15.8	1244.3	875.0	18.6	4.7	189.7	7.3	1.2	7.2	303.1	320.4	6.2	40.8	1.6	355.
5.4	18.2	1492.5	850.0	17.7	3.8	190.4	6.9	1.2	6.8	304.7	320.7	5.6	37.5	1.9	358.
6.2	20.6	1747.4	825.0	16.5	0.5	188.0	6.6	0.9	6.5	306.0	320.0	4.8	33.8	2.3	360.
7.2	23.0	2008.3	800.0	14.7	0.9	185.9	5.4	0.6	5.3	306.8	321.6	5.1	39.0	2.6	1.
8.1	25.5	2276.5	775.0	13.9	-3.6	176.7	3.3	-0.2	3.3	308.8	320.8	3.8	29.5	2.9	1.
9.1	28.	2551.7	750.0	11.8	-5.9	173.6	2.9	-0.3	2.9	309.4	319.2	3.3	28.5	3.0	1.
10.1	30.6	2834.0	725.0	9.6	-7.7	177.1	2.7	-0.1	2.7	310.0	318.9	2.9	28.8	3.2	0.
11.1	33.3	3124.7	700.0	9.9	-28.2	238.3	1.8	1.6	0.9	313.5	315.3	0.5	5.8	3.3	0.
12.2	35.9	3426.8	675.0	10.5	-35.4	299.3	2.5	2.2	-1.2	317.4	318.4	0.3	2.3	3.3	3.
13.3	38.7	3739.4	650.0	8.4	-35.9	288.3	1.9	1.8	-0.6	318.5	319.5	0.3	2.5	3.2	5.
14.4	41.4	4061.4	625.0	5.8	-36.7	248.3	1.1	1.0	0.4	319.0	320.0	0.3	2.8	3.2	7.
15.6	44.4	4393.7	600.0	4.1	-37.2	234.1	2.9	2.3	1.7	320.9	321.8	0.3	3.0	3.3	8.
16.8	47.4	4736.0	575.0	1.6	-38.2	242.8	5.6	5.5	0.7	321.9	322.8	0.2	3.2	3.4	13.
18.0	50.4	5094.5	550.0	-0.7	-39.1	277.6	6.2	6.1	-0.8	323.3	324.1	0.2	3.5	3.5	20.
19.2	53.4	5463.4	525.0	-4.2	-40.6	266.5	5.5	5.5	0.3	323.4	324.2	0.2	3.8	3.7	26.
20.5	56.4	5845.7	500.0	-7.0	-42.8	246.0	6.8	5.5	2.4	324.5	325.2	0.2	4.1	4.0	31.
21.9	59.9	6243.1	475.0	-10.1	-38.7	247.7	6.4	5.9	2.4	325.4	326.5	0.3	7.5	4.4	34.
23.3	63.3	6656.9	450.0	-14.1	-32.4	251.3	7.7	7.3	2.5	325.6	327.5	0.6	19.3	4.9	38.
24.7	66.7	7087.6	425.0	-17.6	-32.1	247.8	8.2	7.6	3.1	326.5	328.6	0.6	26.0	5.5	42.
26.1	70.4	7538.0	400.0	-21.8	-28.7	237.0	8.2	8.0	1.8	326.7	329.8	0.9	53.4	6.1	45.
27.7	74.2	8009.5	375.0	-26.0	-29.7	227.4	9.7	7.1	6.5	327.2	330.1	0.9	71.0	6.9	45.
29.4	78.3	8504.9	350.0	-30.4	-35.4	228.8	9.8	7.4	6.5	327.8	329.7	0.5	60.8	8.0	45.
31.1	82.2	9027.4	325.0	-34.0	-41.8	240.9	12.4	10.9	6.1	329.8	331.0	0.3	47.1	9.0	46.
33.1	86.3	9587.6	300.0	-35.5	-56.8	247.4	18.0	16.8	6.9	335.4	335.7	0.1	10.8	10.8	50.
35.2	91.0	10198.0	275.0	-39.7	-59.1	250.4	18.5	17.5	6.2	337.7	337.9	0.0	10.5	13.0	53.
37.5	95.7	10833.8	250.0	-44.1	99.9	246.7	22.0	20.2	8.7	340.5	999.9	99.9	999.9	15.7	56.
40.0	100.8	11532.1	225.0	-49.6	99.9	253.6	26.0	25.0	7.4	342.8	999.9	99.9	999.9	19.2	58.
42.7	106.4	12295.3	200.0	-54.1	99.9	256.1	25.7	24.9	6.2	347.1	999.9	99.9	999.9	23.3	62.
45.9	112.3	13145.3	175.0	-58.2	99.9	259.8	27.3	26.9	4.9	357.1	999.9	99.9	999.9	28.3	64.
49.3	118.7	14113.8	150.0	-61.4	99.9	264.7	24.4	24.3	2.2	364.4	999.9	99.9	999.9	33.6	67.
53.4	126.0	15234.1	125.0	-66.0	99.9	255.7	18.2	17.6	4.8	375.5	999.9	99.9	999.9	38.3	71.
58.3	134.7	16585.8	100.0	-67.0	99.9	272.1	14.1	14.1	-0.5	398.3	999.9	99.9	999.9	43.3	78.
64.1	143.0	18381.2	75.0	-70.1	99.9	256.0	4.6	4.5	1.1	426.1	999.9	99.9	999.9	45.6	72.
72.1	152.3	20786.7	50.0	-59.6	99.9	112.4	6.6	-6.0	2.5	503.2	999.9	99.9	999.9	44.2	78.
84.3	162.0	25251.8	25.0	-50.0	99.9	999.9	99.9	99.9	99.9	641.0	999.9	99.9	999.9	38.8	68.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
BOOTHVILLE, LOUISIANA

9 MAY 1979
1400 GMT

164 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.1	1.0	1011.5	24.7	20.5	120.0	4.1	-3.6	2.0	296.9	337.3	15.5	79.0	0.0	0.
0.3	6.1	131.4	1010.0	23.0	20.0	999.9	99.9	99.9	99.9	296.2	335.0	14.9	83.2	999.9	999.
1.1	7.2	322.4	975.0	21.3	19.5	999.9	99.9	99.9	99.9	296.6	335.2	14.8	89.5	999.9	999.
1.5	7.3	549.1	950.0	20.6	19.6	999.9	99.9	99.9	99.9	296.1	336.0	14.4	89.0	0.5	319.
2.7	11.3	773.7	925.0	21.2	13.6	190.3	6.9	1.2	6.8	301.0	324.9	8.8	50.9	0.8	337.
3.5	13.5	1016.7	900.0	20.4	5.6	193.1	7.2	1.6	7.0	302.5	323.5	6.4	38.5	1.1	348.
4.4	15.7	1252.1	875.0	19.4	3.9	203.7	8.1	3.2	7.4	303.9	317.3	4.7	29.0	1.4	355.
5.3	17.9	1507.4	850.0	18.2	1.7	208.2	8.5	4.0	7.5	305.2	319.8	5.1	33.1	1.9	3.
6.2	21.2	1762.7	825.0	16.6	3.3	205.0	7.3	3.1	6.6	306.1	322.9	5.9	41.2	2.2	8.
7.1	22.5	2024.4	800.0	16.2	-3.9	174.8	5.3	-0.5	5.2	308.5	319.1	3.6	24.8	2.6	9.
8.0	24.9	2293.5	775.0	14.8	-4.4	155.5	5.2	-2.1	4.7	309.7	320.4	3.6	26.3	2.8	8.
8.8	27.2	2567.5	750.0	12.7	-6.1	158.6	6.1	-2.2	5.6	310.4	320.1	3.2	28.4	3.1	3.
10.3	29.8	2852.4	725.0	10.3	-12.5	170.6	5.9	-1.0	5.8	311.4	317.8	2.0	18.1	3.6	1.
11.0	32.2	3144.4	700.0	10.5	-22.5	207.6	3.7	1.7	3.3	314.2	317.1	0.9	8.0	3.7	1.
12.3	34.7	3447.6	675.0	11.3	-25.1	251.1	3.1	2.9	1.0	317.9	320.2	0.7	5.5	3.8	3.
13.3	37.3	3763.7	650.0	8.4	-27.5	251.7	3.7	3.5	1.2	318.5	320.6	0.6	5.7	3.9	6.
14.1	40.0	4092.7	625.0	5.9	-29.0	232.6	3.7	2.9	2.3	319.0	320.9	0.6	6.0	4.0	9.
15.2	42.8	4434.7	600.0	3.1	-33.5	231.9	3.7	2.9	2.3	319.7	321.4	0.5	6.3	4.2	11.
16.6	45.7	4787.7	575.0	0.8	-31.3	270.1	4.8	4.8	-0.0	321.0	322.6	0.5	6.5	4.4	14.
17.6	48.6	5153.5	550.0	-1.3	-33.1	296.3	5.5	4.9	-2.4	322.6	324.1	0.4	6.7	4.4	19.
18.4	51.6	5531.4	525.0	-4.3	-36.9	292.4	4.2	3.9	-1.6	323.2	324.5	0.4	7.0	4.3	24.
20.0	54.8	5922.3	500.0	-7.1	-36.6	276.5	3.6	3.6	-0.4	324.4	325.6	0.3	7.3	4.4	28.
21.4	57.9	6326.5	475.0	-10.4	-38.8	237.4	3.6	3.0	1.9	325.1	326.1	0.3	7.6	4.6	30.
23.3	61.1	6744.4	450.0	-14.0	-41.1	236.7	3.9	3.3	2.1	325.8	326.4	0.2	7.9	4.9	32.
24.6	64.4	7176.2	425.0	-17.2	-34.2	233.5	6.6	5.3	3.9	327.0	328.8	0.5	21.9	5.2	34.
25.3	67.9	7623.7	400.0	-20.9	-23.9	233.0	7.9	6.3	4.8	327.8	330.6	0.8	44.4	5.9	36.
27.4	71.7	8130.5	375.0	-25.7	-31.7	224.9	7.6	5.3	5.4	327.5	330.0	0.7	56.8	6.7	38.
29.2	75.7	8626.3	350.0	-29.9	-36.6	216.0	9.3	5.4	7.5	328.5	330.2	0.5	51.5	7.5	37.
33.4	79.7	9151.3	325.0	-31.9	-47.7	240.3	13.2	11.5	6.6	332.8	333.4	0.2	19.1	8.5	39.
32.9	84.0	9714.1	300.0	-34.9	-53.6	248.0	17.6	16.3	6.6	336.2	336.5	0.1	12.8	10.2	44.
35.3	88.4	10317.2	275.0	-39.8	-56.6	249.2	20.7	19.3	7.3	339.0	339.3	0.1	13.2	12.4	48.
37.1	93.2	10964.1	250.0	-44.1	99.9	250.2	22.8	21.5	7.7	340.5	999.9	99.9	999.9	15.1	52.
39.5	98.3	11663.4	225.0	-48.9	99.9	259.8	24.8	24.4	4.4	343.6	999.9	99.9	999.9	18.4	58.
42.3	103.9	12429.2	200.0	-53.4	99.9	257.4	25.3	24.7	5.5	348.2	999.9	99.9	999.9	22.1	61.
45.3	109.9	13285.4	175.0	-58.9	99.9	259.3	27.3	26.8	5.1	359.3	999.9	99.9	999.9	26.8	63.
48.5	116.3	14256.2	150.0	-60.9	99.9	260.6	22.9	22.6	3.7	365.2	999.9	99.9	999.9	31.6	66.
52.6	123.9	15381.1	125.0	-66.7	99.9	268.1	16.9	15.7	6.3	377.9	999.9	99.9	999.9	35.8	67.
56.9	132.0	16641.5	100.0	-66.4	99.9	274.4	11.6	11.6	-0.9	399.5	999.9	99.9	999.9	40.0	68.
62.7	142.3	18358.3	75.0	-70.0	99.9	208.2	5.7	2.7	5.0	426.2	999.9	99.9	999.9	41.8	69.
70.6	153.0	20946.9	50.0	-58.2	99.9	92.6	8.9	-8.9	0.4	506.2	999.9	99.9	999.9	40.0	66.
84.8	165.0	25360.9	25.0	-42.4	99.9	75.2	11.4	-11.0	-2.9	662.9	999.9	99.9	999.9	32.2	63.

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STATION NO. 232
BOOTHVILLE, LOUISIANA

* MAY 1979
1700 GMT

197 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.5	1.0	1011.9	27.2	21.5	120.0	5.1	-4.4	2.5	299.3	341.9	16.2	71.0	0.0	0.
0.5	5.4	195.7	1000.0	26.9	20.9	999.9	99.9	99.9	99.9	298.8	339.4	15.8	70.8	999.9	999.
1.4	7.2	327.8	975.0	22.7	20.1	999.9	99.9	99.9	99.9	298.8	338.3	15.4	85.3	999.9	999.
2.3	9.3	554.4	950.0	21.4	17.7	999.9	99.9	99.9	99.9	298.9	334.9	13.6	79.7	999.9	999.
3.8	11.1	786.1	925.0	20.7	17.2	196.3	5.8	1.6	5.6	300.5	336.4	13.5	80.6	0.7	330.
3.9	13.3	1023.1	900.0	19.8	16.1	208.3	6.4	3.0	5.6	301.1	335.6	12.9	83.1	1.9	351.
4.6	15.3	1265.4	875.0	18.3	12.2	200.6	6.7	2.3	6.2	302.9	331.0	10.3	67.6	1.2	300.
5.5	17.4	1514.0	850.0	17.3	7.2	189.3	5.7	0.9	5.6	304.3	325.2	7.5	51.4	1.6	2.
6.4	19.6	1768.9	825.0	16.9	2.6	189.3	4.9	0.8	4.8	306.5	322.6	5.6	38.2	1.8	3.
7.4	21.7	2031.0	800.9	16.6	-3.9	189.5	4.7	0.8	4.6	308.9	319.6	3.8	24.4	2.1	4.
8.3	24.1	2300.4	775.0	15.8	-6.9	188.2	4.7	0.7	4.6	310.0	318.8	2.9	21.3	2.4	5.
9.3	26.2	2576.6	750.0	12.8	-7.8	177.8	5.7	-0.3	5.6	310.4	319.0	2.8	23.8	2.7	4.
10.1	28.6	2859.7	725.0	10.1	-10.1	182.8	5.7	0.2	5.7	310.6	318.8	2.9	22.9	3.0	3.
11.1	31.1	3150.9	700.0	10.3	-20.8	215.9	4.1	2.4	3.4	313.9	317.3	1.8	9.3	3.3	4.
12.4	33.6	3453.3	675.0	10.4	-24.7	251.3	3.4	3.2	1.1	317.3	319.9	0.8	8.5	3.4	8.
13.5	36.0	3765.5	650.0	8.3	-25.9	251.9	4.0	3.8	1.2	318.3	320.7	0.7	8.7	3.5	11.
14.7	38.7	4087.5	625.0	5.6	-25.8	244.6	3.8	3.4	1.6	318.8	321.5	0.8	8.8	3.7	15.
15.9	41.2	4419.2	600.0	2.8	-29.2	270.8	3.3	3.3	-0.0	319.3	321.3	0.6	7.3	3.8	18.
17.1	44.0	4762.4	575.0	1.6	-29.9	325.2	4.2	2.4	-3.4	321.8	323.8	0.5	7.4	3.8	22.
18.4	46.9	5118.5	550.0	-0.9	-31.5	333.6	2.9	1.3	-2.6	323.0	324.7	0.5	7.6	3.5	26.
19.7	49.9	5487.6	525.0	-4.0	-33.5	248.4	1.4	1.3	0.5	323.6	325.1	0.4	7.9	3.5	27.
21.1	52.8	5869.9	500.0	-7.1	-35.4	215.8	3.6	2.1	2.9	326.4	325.8	0.4	8.2	3.7	27.
22.6	55.7	6267.6	475.0	-10.2	-37.5	218.5	4.6	2.9	3.6	329.4	326.6	0.3	8.5	4.1	28.
24.2	59.0	6681.2	450.0	-13.5	-39.7	208.1	4.6	3.1	3.9	332.3	327.3	0.3	8.8	4.6	28.
25.8	62.4	7113.2	425.0	-17.2	-30.7	213.1	9.1	5.0	7.7	326.9	329.3	0.7	29.8	5.3	29.
27.2	65.7	7564.4	400.0	-21.4	-30.0	206.1	9.4	4.1	8.5	327.2	329.9	0.8	45.5	6.2	29.
29.9	69.3	8036.1	375.0	-25.7	-30.3	198.3	9.8	3.1	9.3	327.6	330.4	0.8	65.2	7.1	28.
33.5	73.8	8531.6	350.0	-29.3	-30.0	224.0	11.8	8.2	8.5	329.2	330.7	0.4	42.4	8.1	27.
32.6	77.8	9052.2	325.0	-30.7	-51.8	247.6	16.1	14.9	6.2	334.4	334.8	0.1	10.5	9.5	33.
34.6	81.9	9623.8	300.0	-34.7	-54.8	249.9	16.9	15.9	5.8	336.4	336.7	0.1	10.8	11.2	39.
36.4	85.3	10226.2	275.0	-39.0	99.9	251.8	18.7	17.7	6.1	338.8	999.9	99.9	999.9	13.0	46.
38.5	89.8	10872.0	250.0	-44.2	99.9	252.2	20.8	19.8	6.4	340.3	999.9	99.9	999.9	15.5	49.
41.1	95.0	11569.3	225.0	-49.6	99.9	250.3	19.9	19.5	3.7	342.5	999.9	99.9	999.9	18.1	53.
43.7	100.2	12335.7	200.0	-52.8	99.9	255.1	22.3	21.5	5.7	349.2	999.9	99.9	999.9	21.1	57.
46.6	106.0	13190.8	175.0	-55.3	99.9	253.6	26.6	25.5	7.5	350.6	999.9	99.9	999.9	25.3	60.
50.9	112.5	14163.4	150.0	-59.9	99.9	255.6	23.5	22.7	5.8	346.9	999.9	99.9	999.9	30.4	62.
53.7	119.7	15295.6	125.0	-66.7	99.9	247.8	19.0	17.6	7.2	377.8	999.9	99.9	999.9	35.0	64.
58.4	128.0	16660.8	100.0	-68.1	99.9	260.6	12.2	12.0	2.0	398.2	999.9	99.9	999.9	39.6	65.
63.8	137.0	18352.3	75.0	-70.3	99.9	283.1	5.7	2.2	5.3	425.6	999.9	99.9	999.9	41.8	66.
71.6	148.5	20837.9	50.0	-68.4	99.9	102.6	8.8	-8.6	1.9	501.2	999.9	99.9	999.9	48.7	62.
84.3	194.7	25336.6	25.0	-65.1	99.9	102.9	8.1	-7.9	1.8	655.5	999.9	99.9	999.9	34.8	90.

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STATION NO. 232
BOOTHVILLE, LOUISIANA

9 MAY 1979
2000 GMT

168 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
.2	6.1	1.3	1010.5	29.2	22.7	110.0	6.2	-5.8	2.1	303.5	346.4	17.5	72.0	0.0	0.
1.2	5.1	96.5	1002.2	25.4	21.6	113.8	6.9	-6.3	2.8	299.6	341.8	16.5	79.6	0.2	281.
2.2	7.2	317.6	975.3	23.5	21.5	117.6	6.3	-5.5	3.0	298.9	343.1	16.9	88.5	0.4	287.
3.1	6.5	544.3	950.3	21.7	19.8	161.4	3.2	-1.0	3.0	299.2	340.0	15.5	89.1	0.6	296.
4.2	11.9	776.5	925.3	20.6	17.6	206.8	4.7	2.0	4.2	300.2	337.1	13.9	84.2	0.6	312.
5.2	14.3	1011.5	900.3	19.8	14.9	203.1	5.5	2.6	5.1	302.0	334.1	11.9	73.1	0.7	330.
6.2	17.5	1254.5	875.3	18.7	12.6	188.5	5.7	0.8	5.6	303.2	332.0	10.6	67.7	1.0	346.
7.2	19.1	1502.3	850.3	17.6	9.7	175.9	5.5	-0.4	5.5	304.6	329.3	9.0	60.1	1.3	350.
8.2	21.5	1754.7	825.3	17.4	1.7	181.5	5.3	0.1	5.3	307.0	322.1	5.2	34.6	1.6	351.
9.2	24.2	2012.5	800.3	15.7	0.2	191.6	5.6	1.1	5.5	307.9	322.0	4.9	34.6	2.0	354.
10.2	27.7	2276.3	775.3	14.1	-2.3	191.9	5.1	1.0	5.0	308.9	321.4	4.3	32.8	2.3	356.
11.2	28.6	2547.4	750.3	11.7	-4.1	199.1	4.5	1.5	4.3	309.3	320.4	3.8	32.8	2.5	358.
12.2	29.2	2825.4	725.3	9.4	-5.9	215.1	4.3	2.5	3.5	309.8	320.0	3.4	33.7	2.7	1.
13.2	29.1	3110.6	700.3	10.9	-10.9	246.4	2.9	2.7	1.2	313.6	317.8	1.3	12.2	2.9	4.
14.2	27.9	3404.1	675.3	10.5	-23.7	291.2	2.8	2.6	-1.0	317.4	320.2	0.8	7.1	2.9	7.
15.2	28.5	3706.3	650.3	7.7	-25.2	292.2	3.3	3.0	-1.2	317.7	320.2	0.8	7.5	2.9	11.
16.2	29.8	4017.6	625.3	6.8	-26.8	305.2	3.5	2.8	-2.0	318.3	320.3	0.7	7.0	2.9	16.
17.2	29.5	4337.7	600.3	3.9	-27.3	333.9	3.9	1.4	-3.7	319.6	321.4	0.6	8.1	2.7	23.
18.2	29.4	4667.3	575.3	1.5	-24.5	348.0	3.9	1.1	-3.7	321.7	323.8	0.6	8.3	2.4	29.
19.2	29.9	5136.5	550.3	-1.2	-32.7	309.2	2.7	2.1	-1.7	322.7	324.2	0.4	6.9	2.3	29.
20.2	30.3	5487.3	525.3	-4.3	-15.2	246.7	3.0	2.7	1.2	323.2	324.5	0.3	6.6	2.3	32.
21.2	30.3	5857.6	500.3	-6.9	-37.4	233.6	4.7	3.7	3.0	324.7	325.9	0.3	6.6	2.6	35.
22.2	30.8	6235.3	475.3	-10.3	-34.3	232.7	6.4	5.1	3.9	325.3	326.2	0.3	7.1	3.1	37.
23.2	31.3	6627.3	450.3	-13.1	-33.6	222.6	9.1	6.2	6.7	326.7	329.0	0.7	21.5	3.7	39.
24.2	32.1	7035.4	425.0	-17.8	-29.2	209.6	10.2	5.0	8.9	326.1	329.9	0.8	35.9	4.6	39.
25.1	33.9	7461.2	400.0	-21.8	-32.2	203.8	10.9	4.6	10.0	326.7	329.6	0.8	46.1	5.5	38.
26.2	34.3	7921.5	375.0	-26.3	-31.7	211.1	11.1	5.8	9.5	326.1	328.5	0.7	47.3	6.9	36.
27.2	35.3	8414.3	350.0	-27.9	-53.3	239.8	12.5	10.8	6.3	331.1	331.4	0.1	8.7	8.0	36.
28.2	34.2	8947.1	325.0	-31.6	-55.6	250.7	17.1	16.1	5.7	333.4	333.6	0.1	7.2	9.6	42.
29.1	33.8	9520.1	300.0	-35.5	-56.3	248.4	18.3	17.1	6.8	335.3	335.5	0.0	7.8	11.5	47.
30.1	34.3	10137.1	275.0	-39.6	99.9	250.0	21.2	19.9	7.3	337.8	999.9	99.9	999.9	13.9	51.
31.1	34.6	10797.6	250.0	-44.9	99.9	255.0	22.4	21.6	5.9	339.3	999.9	99.9	999.9	16.9	54.
32.2	34.4	11502.2	225.0	-53.1	99.9	255.9	19.7	19.1	4.8	341.8	999.9	99.9	999.9	19.8	58.
33.2	33.5	12253.5	200.0	-53.0	99.9	253.3	24.1	23.1	6.9	348.8	999.9	99.9	999.9	23.1	60.
34.2	33.3	13054.2	175.0	-56.4	99.9	256.2	28.1	27.0	7.6	356.8	999.9	99.9	999.9	27.7	63.
35.2	33.0	13913.5	150.0	-60.4	99.9	260.7	25.1	24.8	4.0	366.1	999.9	99.9	999.9	33.6	65.
36.2	33.7	14826.1	125.0	-64.8	99.9	258.5	19.2	18.8	3.8	377.6	999.9	99.9	999.9	38.7	67.
37.2	33.5	15819.5	100.0	-67.2	99.9	253.8	11.1	10.7	3.1	390.0	999.9	99.9	999.9	43.2	68.
38.1	34.7	16929.6	75.0	-70.2	99.9	199.9	5.3	1.8	5.0	425.9	999.9	99.9	999.9	45.2	68.
39.2	37.5	18243.6	50.0	-69.2	99.9	134.1	7.0	-6.8	1.7	501.7	999.9	99.9	999.9	44.5	65.
40.0	38.3	25767.3	25.0	-46.0	99.9	93.9	8.3	-8.2	0.6	652.5	999.9	99.9	999.9	38.8	63.

* MY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* MY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** MY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
BOOTHVILLE, LOUISIANA

9 MAY 1979
2300 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.5	1.0	1009.0	26.7	22.8	100.0	5.7	-5.6	1.0	299.0	345.0	17.6	79.0	0.0	0.
0.3	5.2	87.3	1000.0	24.6	22.6	116.2	4.7	-4.1	2.2	297.8	343.8	17.6	88.5	0.2	295.
1.0	7.1	309.8	975.0	23.1	21.9	126.4	4.5	-3.6	2.7	298.4	343.8	17.3	92.8	0.3	297.
1.9	9.2	536.7	950.0	21.4	19.9	145.8	4.4	-2.5	3.6	298.9	339.9	15.6	91.4	0.5	305.
2.7	11.1	748.5	925.0	20.0	18.5	157.9	3.6	-1.4	3.4	300.6	339.6	14.7	87.0	0.7	313.
3.7	13.3	1006.2	900.0	19.9	15.8	159.6	3.7	-1.3	3.4	302.0	336.2	12.7	77.3	0.9	319.
4.6	15.6	1249.1	875.0	18.2	12.9	165.5	3.3	-0.8	3.2	302.7	332.0	10.8	71.3	1.1	322.
5.8	17.5	1497.2	850.0	16.7	7.6	196.8	3.3	1.0	3.2	303.7	325.1	7.7	54.5	1.2	327.
6.6	19.8	1751.1	825.0	15.3	5.0	202.8	3.7	1.5	3.5	304.8	323.6	6.7	50.2	1.4	334.
7.6	21.9	2011.7	800.0	14.5	-1.4	199.6	3.8	1.0	2.8	306.6	319.1	4.3	33.5	1.5	340.
8.2	24.3	2279.7	775.0	13.5	-1.6	208.9	1.7	0.8	1.4	308.3	321.2	4.4	35.2	1.6	342.
9.2	26.6	2554.6	750.0	11.3	-6.2	227.8	2.4	1.8	1.4	308.9	318.6	3.3	29.8	1.5	345.
10.2	28.8	2838.2	725.0	12.8	-23.9	234.2	2.8	2.3	1.7	313.5	318.1	0.8	6.8	1.7	351.
11.3	31.7	3132.3	700.0	12.4	-25.1	268.3	1.7	1.7	0.3	316.2	318.6	0.7	5.5	1.8	355.
12.4	34.2	3435.3	675.0	9.9	-26.4	288.8	1.8	0.9	-0.3	316.8	319.0	0.7	5.8	1.8	358.
13.5	36.7	3748.8	650.0	7.2	-27.9	311.7	1.2	0.9	-0.8	317.1	319.1	0.6	6.1	1.7	359.
14.7	39.6	4067.5	625.0	4.7	-29.1	331.1	1.5	0.7	-1.3	317.8	319.7	0.5	6.4	1.7	2.
15.7	42.1	4398.4	600.0	3.2	-32.1	355.4	2.6	0.2	-2.5	319.8	321.3	0.4	5.3	1.5	3.
17.0	45.1	4742.2	575.0	1.3	-34.9	333.0	2.7	1.2	-2.4	321.5	322.8	0.3	4.7	1.3	4.
18.4	48.1	5197.8	550.0	-1.5	-32.8	282.8	3.4	3.3	-0.7	327.3	323.9	0.4	7.0	1.2	12.
19.6	51.9	5465.4	525.0	-5.2	-35.7	263.2	4.8	4.7	0.6	324.2	323.4	0.3	6.9	1.3	26.
21.0	54.8	5846.7	500.0	-7.6	-38.7	261.6	7.4	6.5	3.5	323.8	324.8	0.3	6.1	1.7	38.
22.4	57.1	6243.8	475.0	-10.3	-29.9	223.1	9.9	6.8	7.2	325.2	327.5	0.7	18.3	2.4	51.
23.8	60.6	6657.7	450.0	-13.9	-27.4	215.8	10.2	5.8	8.2	325.7	328.8	0.9	31.0	3.3	8.
25.4	64.1	7087.8	425.0	-19.4	-27.9	219.8	10.9	6.9	8.5	329.4	328.5	0.9	43.1	4.3	9.
26.8	67.6	7536.9	400.0	-22.5	-28.9	232.5	11.1	8.8	6.7	329.7	328.7	0.9	56.8	5.3	9.
28.6	71.3	8008.9	375.0	-26.2	-51.8	256.1	12.8	12.4	3.1	329.5	329.9	0.1	5.9	6.3	15.
30.3	75.3	8509.0	350.0	-27.5	-55.1	256.8	15.8	14.6	3.4	331.7	332.0	0.1	5.1	7.6	31.
32.4	79.5	9038.4	325.0	-31.2	-57.5	253.7	16.3	15.6	4.6	333.6	333.8	0.0	5.5	9.4	56.
34.4	83.7	9600.6	300.0	-35.2	-59.9	252.5	16.9	16.1	5.7	337.7	335.9	0.0	6.6	11.4	99.
36.7	88.2	10200.9	275.0	-40.1	99.9	256.1	20.3	19.7	4.9	337.2	999.9	99.9	999.9	14.1	82.
39.0	93.0	10845.8	250.0	-45.1	99.9	259.1	18.2	17.9	3.4	339.0	999.9	99.9	999.9	16.7	84.
41.6	98.2	11540.8	225.0	-50.6	99.9	256.6	20.1	19.5	4.6	341.0	999.9	99.9	999.9	19.6	86.
44.3	103.7	12304.5	200.0	-52.6	99.9	259.6	24.9	24.5	4.5	349.4	999.9	99.9	999.9	23.1	88.
47.5	110.0	13159.9	175.0	-56.5	99.9	256.4	25.7	25.0	5.9	356.7	999.9	99.9	999.9	28.0	70.
51.3	116.5	14131.6	150.0	-60.2	99.9	257.4	20.1	19.6	4.4	366.4	999.9	99.9	999.9	33.2	71.
55.4	124.0	15256.6	125.0	-64.2	99.9	261.8	17.1	16.9	2.8	378.7	999.9	99.9	999.9	37.7	72.
60.4	132.3	16614.9	100.0	-67.6	99.9	249.8	9.8	9.2	3.4	397.2	999.9	99.9	999.9	42.0	73.
66.6	141.3	18322.7	75.0	-69.4	99.9	160.9	4.9	-1.6	4.7	427.5	999.9	99.9	999.9	44.0	72.
74.7	150.5	20794.2	50.0	-68.4	99.9	87.9	7.8	-7.8	-0.2	481.2	999.9	99.9	999.9	43.8	70.
88.1	160.3	25277.9	25.0	-46.7	99.9	999.9	99.9	99.9	99.9	650.7	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 232
BOOTHVILLE, LOUISIANA

10 MAY 1979
2000 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.5	1.3	1011.3	23.3	22.6	100.0	3.8	-3.8	0.5	295.5	343.4	17.4	95.0	0.0	0.
0.6	5.3	97.3	1000.3	23.7	23.2	126.4	6.9	-5.5	4.1	296.9	343.5	18.0	95.5	0.2	293.
1.2	7.5	314.3	975.3	23.8	22.6	131.2	6.9	-5.2	4.6	299.2	346.3	18.0	92.7	0.5	301.
2.3	9.9	567.7	950.3	22.7	20.4	136.1	6.7	-4.8	4.7	300.2	342.7	16.1	86.6	0.8	306.
2.9	12.0	79[illegible]	925.3	21.6	17.3	138.9	5.3	-3.5	4.0	300.4	336.6	13.6	81.4	1.1	309.
3.6	14.6	1017.3	900.3	19.1	15.9	143.9	4.3	-2.5	3.5	301.2	335.4	12.8	81.9	1.3	311.
4.5	16.6	1254.4	875.3	17.2	14.2	150.1	3.6	-1.3	3.3	301.7	333.5	11.8	82.1	1.5	314.
5.3	19.1	1507.3	850.3	17.2	2.7	160.6	3.1	-1.0	2.9	306.2	319.8	5.5	37.9	1.7	316.
6.3	21.4	1761.7	825.3	16.8	-1.2	181.8	1.5	0.0	1.5	306.4	318.7	4.3	29.3	1.8	318.
7.3	24.3	2023.1	800.3	15.3	-2.4	133.9	2.8	-2.1	1.9	307.5	319.2	4.8	29.3	1.9	319.
8.3	26.8	2291.2	775.3	13.3	-4.3	118.7	3.7	-3.3	1.8	308.1	319.0	3.7	29.8	2.1	317.
9.3	29.3	2[illegible]	750.3	13.7	-17.1	136.8	2.2	-1.5	1.6	311.5	315.7	1.3	10.2	2.3	315.
10.2	31.7	2851.2	725.3	13.3	-21.4	141.5	1.1	0.0	1.1	313.7	315.8	1.0	7.4	2.4	316.
11.1	34.3	3109.3	700.3	12.1	-21.3	285.3	0.9	0.8	-0.4	315.9	319.0	0.9	7.5	2.4	317.
12.2	37.2	3367.1	675.3	10.3	-23.3	322.5	1.5	0.9	-1.2	317.1	320.1	0.9	7.6	2.3	316.
13.1	39.8	3[illegible]	650.3	8.2	-24.3	332.5	2.3	1.6	-1.3	318.2	321.0	0.8	7.8	2.2	316.
14.0	42.4	3[illegible]	625.3	5.9	-25.9	278.2	1.9	1.8	-0.3	319.1	321.6	0.7	8.1	2.0	318.
15.0	45.0	4[illegible]	600.3	3.4	-27.3	283.0	0.9	0.9	-0.2	320.0	322.4	0.7	8.3	2.0	320.
15.8	47.6	4[illegible]	575.3	3.9	-27.7	8.3	2.3	-0.3	-2.3	321.1	323.4	0.7	9.6	1.9	319.
16.1	51.3	5112.3	550.3	-1.9	-27.9	11.7	4.3	-0.9	-4.2	321.8	324.2	0.7	11.6	1.8	311.
16.8	54.4	5493.4	525.3	-5.3	-33.2	343.9	3.0	1.0	-2.8	322.1	324.1	0.6	11.9	1.6	302.
17.6	57.5	5[illegible]	500.3	-9.5	-32.5	263.5	4.2	4.1	0.7	322.7	324.6	0.5	12.2	1.5	306.
18.3	60.3	5[illegible]	475.3	-11.8	-31.8	233.1	7.3	6.0	3.6	323.6	325.6	0.6	17.2	1.3	324.
19.3	63.1	6[illegible]	450.3	-16.0	-31.5	236.3	7.9	6.4	4.5	323.1	325.2	0.6	25.0	1.4	340.
20.4	67.7	7[illegible]	425.3	-19.5	-31.5	234.8	9.2	8.0	4.6	326.0	326.2	0.6	33.5	1.8	11.
21.5	71.1	7[illegible]	400.3	-23.7	-43.6	243.7	10.3	9.3	4.6	329.1	329.8	0.2	10.7	2.6	29.
22.1	76.3	8[illegible]	375.3	-28.4	-46.2	257.7	11.0	10.7	2.7	329.4	330.0	0.2	11.1	3.4	40.
23.3	79.3	8[illegible]	350.3	-27.3	-48.4	263.2	15.4	15.3	1.8	331.9	332.5	0.1	11.4	4.8	53.
24.3	83.4	9[illegible]	325.3	-31.5	-51.4	263.3	14.8	14.6	2.5	333.3	333.7	0.1	11.8	6.2	60.
25.3	87.3	9[illegible]	300.3	-36.0	-54.9	261.7	17.1	16.9	2.5	334.7	335.0	0.1	12.3	8.1	65.
26.1	91.5	10235.4	275.3	-40.9	-99.9	259.0	19.7	19.3	3.8	336.0	999.9	99.9	999.9	10.4	69.
26.7	95.2	10487.4	250.3	-45.7	-99.9	256.0	19.6	19.1	4.0	338.1	999.9	99.9	999.9	13.5	71.
27.2	101.0	11543.7	225.0	-53.9	-99.9	251.3	19.6	18.6	6.3	340.6	999.9	99.9	999.9	16.3	71.
27.2	106.7	12133.4	200.0	-56.2	-99.9	255.0	23.1	22.3	6.0	347.0	999.9	99.9	999.9	20.1	71.
27.3	112.5	13152.3	175.0	-57.6	-99.9	261.4	24.2	24.0	3.0	354.8	999.9	99.9	999.9	24.5	73.
27.3	118.8	14114.3	150.0	-60.8	-99.9	263.5	23.3	23.1	2.6	365.3	999.9	99.9	999.9	29.9	75.
28.3	126.3	15239.4	125.0	-65.7	99.9	259.0	18.9	18.5	3.6	376.0	999.9	99.9	999.9	34.7	76.
29.7	134.3	16387.3	100.0	-69.5	99.9	248.2	12.9	12.0	4.8	395.4	999.9	99.9	999.9	39.6	76.
30.6	143.0	17722.3	75.0	-70.7	99.9	175.3	5.8	-0.5	5.8	426.7	999.9	99.9	999.9	42.4	76.
31.5	152.5	19756.2	50.0	-62.8	99.9	87.4	8.8	-8.8	-0.4	495.6	999.9	99.9	999.9	46.8	72.
32.0	162.5	25230.9	25.0	-48.8	99.9	999.9	99.9	99.9	99.9	666.6	999.9	99.9	999.9	32.2	72.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 232
BOOTHVILLE, LOUISIANA

10 MAY 1979
500 GMT

160 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.1	1.0	1011.6	23.2	22.2	110.0	2.6	-2.4	0.9	295.4	339.8	16.9	94.8	0.0	0.
0.2	5.1	102.2	1000.0	23.8	22.7	999.9	99.9	99.9	99.9	296.2	341.7	17.6	97.7	999.9	999.
1.0	7.0	323.9	975.0	21.9	21.5	999.9	99.9	99.9	99.9	297.2	341.0	16.8	97.5	999.9	999.
1.8	9.2	550.3	950.0	21.9	19.8	999.9	99.9	99.9	99.9	299.4	340.3	15.5	88.8	999.9	999.
2.6	11.2	782.5	925.0	20.4	19.6	999.9	99.9	99.9	99.9	300.2	341.7	15.7	94.9	999.9	999.
3.5	13.4	1019.3	900.0	18.2	17.4	999.9	99.9	99.9	99.9	300.3	337.8	14.1	95.8	999.9	999.
4.3	15.6	1260.7	875.0	16.2	13.9	999.9	99.9	99.9	99.9	300.6	331.5	11.5	86.1	999.9	999.
5.1	17.8	1507.5	850.0	15.3	8.9	999.9	99.9	99.9	99.9	302.2	325.6	8.5	66.2	999.9	999.
5.9	20.2	1760.5	825.0	14.9	-2.0	999.9	99.9	99.9	99.9	304.4	316.8	4.8	31.3	999.9	999.
6.9	22.6	2020.8	800.0	14.3	-3.1	999.9	99.9	99.9	99.9	306.4	317.5	3.8	29.8	999.9	999.
7.8	24.9	2287.9	775.0	13.1	-10.2	999.9	99.9	99.9	99.9	307.9	314.8	2.3	18.9	999.9	999.
8.7	27.2	2563.1	750.0	13.0	-30.1	181.1	3.6	0.1	3.6	310.7	312.3	0.5	3.7	3.4	323.
9.7	29.5	2847.3	725.0	13.0	-41.9	204.5	1.4	0.6	1.3	313.8	314.2	0.1	1.8	3.5	325.
10.6	32.4	3143.9	700.0	12.8	-42.6	154.5	0.6	-0.3	0.5	315.8	316.2	0.1	1.8	3.5	325.
11.6	35.1	3443.4	675.0	9.8	-43.9	65.2	1.2	-0.8	-0.8	316.6	317.1	0.1	1.8	3.5	325.
12.4	37.7	3755.7	650.0	8.5	-44.7	354.1	3.5	0.4	-3.4	318.6	319.0	0.1	1.8	3.4	323.
13.8	40.5	4078.1	625.0	6.3	-46.1	311.0	4.2	3.1	-2.7	319.6	320.0	0.1	1.8	3.1	322.
15.0	43.2	4411.0	600.0	4.2	-47.4	290.4	4.0	3.7	-1.4	321.0	321.3	0.1	1.8	2.9	325.
16.1	46.2	4756.8	575.0	1.1	-46.5	325.6	2.6	1.5	-2.1	321.3	321.7	0.1	1.5	2.7	327.
17.2	49.3	5109.7	550.0	-2.3	-34.7	358.5	3.1	0.1	-3.1	321.4	322.7	0.4	6.2	2.6	326.
18.5	52.1	5476.9	525.0	-5.4	-36.4	349.4	4.7	0.9	-4.6	322.0	323.1	0.3	6.5	2.3	322.
19.7	55.3	5857.0	500.0	-9.2	-36.8	335.3	5.2	2.2	-4.7	321.9	323.1	0.3	8.8	1.9	318.
21.0	58.6	6253.8	475.0	-13.1	-36.1	304.4	5.1	4.2	-2.9	321.8	323.1	0.4	12.3	1.6	317.
22.6	62.1	6659.5	450.0	-16.9	-36.7	282.2	4.9	4.8	-1.0	322.0	323.3	0.4	16.0	1.2	328.
23.9	65.6	7385.0	425.0	-20.9	-36.6	271.7	5.6	5.5	-0.2	322.2	323.6	0.4	22.6	1.0	345.
25.5	69.3	7531.2	400.0	-22.1	-50.8	258.3	9.4	9.2	1.9	326.2	326.4	0.1	5.4	1.2	23.
27.2	73.0	8003.7	375.0	-24.1	-56.9	269.4	10.4	10.4	0.1	329.7	329.9	0.0	3.0	1.9	52.
28.8	77.0	8502.8	350.0	-28.3	-53.9	274.5	13.4	13.3	-1.1	330.6	330.9	0.1	6.5	2.9	67.
30.6	81.0	9030.6	325.0	-31.9	-60.4	269.7	14.6	14.6	0.1	332.8	332.9	0.0	4.8	4.3	76.
32.5	85.4	9591.2	300.0	-36.6	-62.8	258.6	15.0	14.7	3.0	334.1	334.2	0.0	4.5	5.9	78.
34.6	90.0	10188.2	275.0	-41.0	99.9	257.5	19.0	18.5	4.1	335.8	999.9	99.9	999.9	8.0	78.
36.9	95.0	10829.3	250.0	-46.1	99.9	253.9	21.3	20.5	5.9	337.6	999.9	99.9	999.9	11.8	78.
39.5	100.2	11522.9	225.0	-50.3	99.9	251.1	22.8	21.6	7.4	341.4	999.9	99.9	999.9	14.3	78.
42.2	105.8	12285.6	200.0	-56.0	99.9	259.2	23.8	23.4	4.5	347.3	999.9	99.9	999.9	17.9	76.
45.4	112.0	13134.9	175.0	-57.4	99.9	265.4	26.9	26.8	2.2	353.2	999.9	99.9	999.9	22.8	77.
48.8	119.5	14101.1	150.0	-60.4	99.9	265.3	25.8	25.8	2.1	366.1	999.9	99.9	999.9	28.4	79.
53.0	126.0	15225.0	125.0	-65.5	99.9	260.9	20.3	20.1	3.2	376.4	999.9	99.9	999.9	33.9	80.
58.0	134.3	16572.3	100.0	-69.1	99.9	250.4	13.2	12.5	4.4	394.3	999.9	99.9	999.9	38.8	80.
63.8	142.3	18271.4	75.0	-72.0	99.9	164.0	6.8	-1.3	6.7	421.9	999.9	99.9	999.9	41.4	78.
72.3	151.0	20719.9	50.0	-64.3	99.9	93.0	9.6	-9.6	0.5	492.0	999.9	99.9	999.9	38.5	75.
87.2	159.7	25186.9	25.0	-47.7	99.9	88.6	11.4	-11.3	-0.7	648.1	999.9	99.9	999.9	30.7	74.

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STATION NO. 232
BOOTHVILLE, LOUISIANA

10 MAY 1979
800 GMT

150 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.3	1.0	1010.0	22.1	21.6	140.0	3.1	-2.0	2.4	296.4	336.6	16.3	97.0	0.0	0.
0.3	0.1	91.5	1000.0	23.0	20.9	150.6	8.4	-4.1	7.4	296.1	336.8	15.7	87.4	0.3	315.
1.1	2.0	313.7	975.0	24.0	19.4	156.0	8.1	-3.5	7.4	299.4	338.2	14.7	75.1	0.5	326.
1.9	0.3	501.5	950.0	22.5	19.5	160.8	7.9	-2.6	7.5	300.0	340.4	15.3	83.4	0.9	331.
2.7	11.2	773.5	925.0	20.7	17.6	156.9	8.1	-3.2	7.4	300.5	337.3	13.8	82.1	1.3	336.
3.5	1.5	1012.7	900.0	19.5	16.4	156.8	7.1	-2.6	6.6	300.6	335.7	13.2	87.8	1.7	334.
4.3	1.6	1252.5	875.0	17.0	13.6	165.3	8.2	-2.1	8.0	301.5	332.0	11.3	80.5	2.0	336.
5.1	17.9	1493.5	850.0	16.4	-2.2	158.7	9.6	-3.5	8.9	333.4	314.9	4.0	29.4	2.4	337.
5.9	20.2	1735.2	825.0	15.4	-0.1	153.9	10.1	-4.5	9.1	334.9	318.1	4.6	34.6	2.9	337.
6.7	2.5	1913.2	800.0	13.2	3.4	156.0	9.1	-3.7	8.3	335.2	322.6	6.2	51.8	3.4	336.
7.7	2.0	2220.3	775.0	11.4	1.8	162.3	7.4	-2.2	7.0	336.0	322.1	5.8	51.8	3.9	336.
8.9	27.3	2553.9	750.0	12.2	-29.8	192.9	4.6	1.0	4.5	339.9	311.4	0.5	3.9	4.3	338.
10.1	29.4	2887.5	725.0	13.0	-32.0	220.9	3.2	2.1	2.4	343.7	314.3	0.2	1.4	4.4	341.
11.3	32.4	3133.5	700.0	13.8	-36.8	207.8	3.6	1.7	3.2	344.5	315.1	0.2	1.6	4.6	343.
12.5	3.1	3431.4	675.0	9.3	-34.9	182.4	2.8	0.1	2.7	346.0	316.7	0.2	1.8	4.7	345.
13.8	37.6	3763.3	650.0	7.3	-33.1	122.5	1.5	-1.2	0.9	347.2	317.9	0.2	2.0	4.9	345.
15.3	4.3	4094.4	625.0	5.8	-32.4	0.7	2.3	-0.0	-2.3	348.8	319.6	0.2	2.2	4.8	344.
16.8	45.0	4425.3	600.0	4.4	-33.7	323.6	4.5	2.7	-3.6	321.2	322.5	0.4	4.1	4.6	345.
18.4	47.0	4761.1	575.0	1.1	-33.3	318.8	5.2	3.4	-3.9	321.3	322.7	0.4	5.7	4.2	347.
20.2	49.0	5096.9	550.0	-2.4	-31.0	314.3	5.1	3.6	-3.6	321.2	323.3	0.5	6.9	3.9	353.
22.0	51.0	5432.9	525.0	-5.7	-33.2	315.7	4.8	3.3	-3.4	321.6	323.1	0.4	9.2	3.5	354.
23.9	53.0	5768.2	500.0	-9.6	-31.4	314.0	4.8	3.4	-3.3	321.3	323.2	0.5	14.9	3.1	0.
25.9	54.0	6235.3	475.0	-13.5	-31.5	313.4	7.1	5.1	-4.9	321.3	323.3	0.6	20.0	2.9	7.
28.0	61.0	6603.4	450.0	-17.7	-33.6	310.4	9.8	7.5	-6.4	321.0	322.7	0.5	23.3	2.5	22.
30.2	63.0	7357.5	425.0	-21.9	-35.2	303.0	10.6	9.2	-5.3	321.0	322.5	0.4	28.6	2.4	45.
32.5	65.3	7711.7	400.0	-23.6	-44.2	295.2	9.3	8.9	-2.4	324.3	324.7	0.1	8.2	2.9	61.
34.9	7.0	7981.6	375.0	-26.0	-53.4	283.3	10.8	10.5	-2.5	327.2	327.4	0.1	5.6	3.7	71.
37.5	7.9	8373.6	350.0	-29.3	-55.4	279.2	10.8	10.6	-1.7	329.2	329.5	0.1	5.9	4.6	78.
40.2	8.0	8720.5	325.0	-32.5	-57.4	266.5	12.1	12.1	0.7	331.9	332.1	0.0	6.3	5.8	81.
43.1	84.0	9063.9	300.0	-36.8	-60.2	261.9	14.1	14.0	2.0	333.6	333.7	0.0	5.7	7.4	82.
46.2	8.0	9410.3	275.0	-41.4	99.9	260.4	15.6	15.4	2.6	335.2	999.9	99.9	999.9	9.2	81.
49.2	93.2	9780.5	250.0	-46.2	99.9	259.8	19.3	19.0	3.4	337.5	999.9	99.9	999.9	11.8	81.
52.8	94.3	10195.3	225.0	-49.1	99.9	267.3	21.5	21.5	1.0	343.3	999.9	99.9	999.9	15.1	81.
56.6	135.5	10551.6	200.0	-53.8	99.9	274.4	20.3	20.2	-1.8	347.8	999.9	99.9	999.9	18.5	83.
60.8	137.5	10911.5	175.0	-56.7	99.9	267.4	26.9	26.9	1.2	356.3	999.9	99.9	999.9	22.8	85.
65.4	115.6	11262.3	150.0	-60.6	99.9	272.5	27.8	27.8	-1.2	365.7	999.9	99.9	999.9	29.1	85.
55.3	129.3	11621.4	125.0	-65.9	99.9	268.7	19.8	19.8	0.4	375.6	999.9	99.9	999.9	35.1	87.
63.6	133.7	11987.3	100.0	-70.1	99.9	253.9	14.9	14.3	4.1	382.3	999.9	99.9	999.9	39.9	86.
66.8	137.3	12281.6	75.0	-70.9	99.9	198.1	5.9	0.6	5.9	426.3	999.9	99.9	999.9	43.6	86.
75.0	167.7	23641.2	50.0	-63.5	99.9	94.5	8.7	-8.7	0.7	496.0	999.9	99.9	999.9	41.7	83.
89.3	156.7	25135.9	25.0	-69.7	99.9	999.9	99.9	99.9	99.9	662.1	999.9	99.9	999.9	34.4	83.

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10 MAY 1979
1100 GMT

197 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.4	1.0	1011.1	22.8	22.3	140.0	3.1	-2.0	2.4	295.0	338.9	17.8	97.0	0.0	0.
0.3	5.2	97.9	1000.0	22.9	22.5	171.3	7.0	-1.1	6.9	296.1	341.1	17.4	97.4	0.3	352.
1.2	7.1	319.5	975.0	22.2	20.8	174.0	7.7	-0.8	7.7	297.5	339.4	16.1	91.5	0.8	352.
2.1	9.2	546.9	950.0	22.9	20.0	177.4	8.7	-0.6	8.6	300.6	341.9	15.7	83.6	1.0	354.
3.0	11.2	779.6	925.0	21.0	17.6	181.3	10.2	0.2	10.2	300.7	337.7	13.9	81.4	1.5	358.
3.9	13.4	1016.8	900.0	19.5	14.2	181.5	11.5	0.3	11.5	301.6	332.5	11.5	71.7	2.1	358.
4.7	15.4	1254.2	875.0	18.1	11.1	181.5	10.4	0.3	10.4	302.6	328.6	9.8	63.6	2.7	358.
5.6	17.5	1507.8	850.0	16.8	11.2	183.0	8.6	0.3	8.6	303.6	331.0	9.9	69.4	3.1	358.
6.7	19.9	1761.4	825.8	15.6	0.8	203.6	3.4	1.4	3.1	305.1	319.3	5.8	36.8	3.4	340.
7.5	22.0	2021.6	800.0	15.0	-14.0	292.6	3.2	1.2	3.0	307.1	312.1	1.6	12.1	3.5	1.
8.5	24.4	2289.9	775.0	14.3	-17.0	200.8	3.9	1.4	3.6	309.2	313.3	1.3	9.9	3.7	2.
9.4	26.6	2566.2	750.0	14.2	-24.3	200.2	5.2	1.8	4.9	312.0	314.3	0.7	5.3	4.0	3.
10.3	29.1	2851.0	725.0	13.1	-24.8	198.7	3.6	1.1	3.4	313.9	316.2	0.7	5.4	4.2	4.
11.5	31.7	3144.6	700.0	11.6	-25.8	120.3	1.7	-1.3	1.1	315.4	317.6	0.7	5.5	4.4	5.
12.6	34.2	3446.9	675.0	9.4	-26.8	30.7	3.4	-1.7	-2.9	316.1	318.3	0.6	5.8	4.3	3.
13.7	36.7	3759.2	650.0	7.9	-27.6	9.3	4.8	-0.8	-4.8	317.9	320.0	0.6	5.9	4.0	2.
14.9	39.4	4080.3	625.0	6.5	-28.3	5.5	4.8	-0.5	-4.8	319.9	321.9	0.6	6.1	3.7	2.
16.0	42.	4414.1	600.0	4.7	-29.4	358.2	4.6	0.1	-4.6	321.6	323.5	0.6	6.2	3.4	2.
17.2	44.9	4759.7	575.0	1.5	-27.4	346.9	5.4	1.2	-5.3	321.8	324.2	0.7	9.5	3.0	3.
18.4	47.7	5114.9	550.0	-2.2	-27.5	329.0	6.3	3.2	-5.4	321.5	324.0	0.7	12.2	2.6	7.
19.8	50.6	5481.0	525.0	-5.8	-29.5	316.5	7.1	5.1	-5.0	321.5	323.6	0.6	12.9	2.3	17.
21.2	53.6	5860.7	500.0	-9.3	-31.0	306.3	7.9	5.7	-4.2	321.7	323.7	0.6	15.2	2.1	31.
22.4	56.6	6254.4	475.0	-13.1	-32.0	311.4	7.8	5.9	-5.2	321.8	323.7	0.5	18.5	2.2	47.
23.9	60.0	6662.8	450.0	-17.5	-31.9	312.3	8.9	6.6	-6.0	321.3	323.3	0.6	27.1	2.3	66.
25.4	63.4	7088.1	425.0	-21.6	-31.7	305.5	8.6	7.0	-5.0	321.3	323.5	0.6	39.2	2.8	81.
26.9	66.7	7531.2	400.0	-25.6	-33.9	290.8	7.9	7.4	-2.8	321.7	323.6	0.5	45.8	3.4	89.
28.3	70.4	7999.3	375.0	-28.6	-52.6	271.7	9.3	9.3	-0.3	326.4	326.6	0.1	6.5	4.4	92.
31.2	74.0	8494.4	350.0	-29.6	-54.5	261.8	11.9	11.7	1.7	328.8	329.1	0.1	7.8	5.8	89.
33.6	78.0	9020.9	325.0	-32.0	-56.0	264.6	13.3	13.3	1.3	332.6	332.8	0.1	7.1	7.7	88.
36.3	82.0	9581.0	300.0	-36.4	-59.0	266.5	13.0	13.0	1.3	336.1	336.3	0.0	7.5	9.7	87.
39.1	86.3	10178.4	275.0	-40.9	99.9	271.9	17.1	17.1	-0.6	335.9	999.9	99.9	999.9	12.2	87.
42.9	91.0	10921.0	250.0	-44.7	99.9	271.5	18.1	18.1	-0.5	339.7	999.9	99.9	999.9	15.3	89.
45.3	95.9	11518.9	225.0	-49.0	99.9	269.2	19.4	19.4	0.3	343.4	999.9	99.9	999.9	19.1	89.
48.8	101.2	12293.3	200.0	-53.4	99.9	267.8	23.5	23.5	0.9	348.1	999.9	99.9	999.9	23.3	89.
52.4	107.0	13137.7	175.0	-55.9	99.9	274.3	26.5	26.5	-2.0	357.6	999.9	99.9	999.9	29.2	89.
56.8	113.5	14108.1	150.0	-60.5	99.9	273.9	21.2	21.1	-1.4	365.3	999.9	99.9	999.9	35.6	90.
61.9	120.7	15231.7	125.0	-65.1	99.9	258.7	16.2	15.9	3.2	377.0	999.9	99.9	999.9	41.2	90.
67.4	128.7	16575.5	100.0	-69.0	99.9	237.9	10.8	8.5	5.3	394.4	999.9	99.9	999.9	45.8	88.
74.4	137.7	18271.5	75.0	-72.5	99.9	137.6	6.2	-4.2	4.6	420.9	999.9	99.9	999.9	46.9	86.
84.2	147.0	20735.2	50.0	-59.7	99.9	84.1	9.8	-8.9	-0.9	502.9	999.9	99.9	999.9	41.7	86.
99.4	156.3	25221.5	25.0	-47.9	99.9	85.3	9.3	-9.3	-0.8	847.2	999.9	99.9	999.9	36.0	89.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISSISSIPPI

9 MAY 1979
1105 GMT

163 64. 0

TIME MIN	CHICT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.1	91..	1.. 0.0	23.2	19.9	120.0	1.5	-1.3	0.7	293.4	331.4	14.8	98.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.4	0.0	30..4	975.0	18.6	17.7	152.6	9.6	-4.3	8.4	293.9	329.2	13.3	94.5	0.2	316.
1.7	1.7	91.6	950.0	17.9	17.0	148.1	9.4	-5.3	7.8	296.4	330.4	13.0	89.1	0.5	330.
2.4	13.1	743.2	925.0	19.3	14.5	152.9	7.5	-3.3	6.5	299.0	328.2	11.4	78.6	1.1	329.
3.5	17.5	644.5	900.0	17.0	10.9	154.6	5.1	-2.8	4.8	299.0	323.8	12.0	87.5	1.6	329.
4.5	17.3	1138.4	875.0	15.7	13.1	163.8	4.4	-1.2	4.2	303.1	329.4	13.9	89.6	1.9	331.
5.3	20.3	1241.2	850.0	14.8	12.4	156.9	4.3	-1.7	4.0	304.6	331.5	14.1	89.1	2.1	332.
6.1	22.8	1334.4	825.0	14.4	9.2	166.4	3.3	-0.8	3.2	305.8	328.4	8.9	71.1	2.3	333.
7.2	25.3	1428.7	800.0	14.5	3.7	168.7	3.5	-0.7	3.5	306.6	324.4	6.3	48.3	2.4	336.
8.1	27.9	1524.5	775.0	12.9	1.5	164.7	4.8	-1.3	4.6	307.6	323.5	5.5	45.7	2.7	335.
8.8	30.4	1 61..	750.0	11.1	-1.5	157.7	4.2	-1.6	3.9	308.6	322.0	4.8	41.7	3.0	336.
9.3	33.0	1723.1	725.0	9.7	-12.7	149.1	3.3	-1.7	2.8	310.1	316.2	2.0	19.1	3.2	336.
9.8	35.7	1818..	700.0	9.7	-37.5	232.3	1.0	0.6	0.6	313.2	314.1	0.3	2.6	3.4	335.
10.5	38.8	1915.	675.0	8.6	-48.6	240.9	1.3	1.2	-0.6	315.3	315.7	0.1	1.0	3.3	336.
11.5	41.2	2006.	650.0	7.5	-45.3	245.6	2.7	2.6	-0.7	317.5	317.8	0.1	1.0	3.2	339.
12.7	44.1	2 07.1	625.0	5.1	-46.7	242.7	1.7	1.6	-0.4	318.5	318.8	0.1	1.0	3.1	341.
13.1	47.4	2195.	600.0	3.3	-47.4	232.1	1.4	1.1	0.8	319.9	320.2	0.1	1.0	3.1	342.
13.8	47.4	2282..	575.0	1.0	-49.3	227.7	2.7	2.0	1.8	321.2	321.5	0.1	1.0	3.2	344.
14.4	52.0	2 72..	550.0	-2.3	-51.4	240.6	3.7	3.5	1.3	321.4	321.6	0.1	1.0	3.2	349.
15.2	54.4	2883..	525.0	-5.2	-53.7	252.1	5.3	5.0	1.6	322.2	322.4	0.0	1.0	3.3	355.
15.5	56.1	2944.5	500.0	-8.6	-47.5	265.2	5.9	5.9	0.5	322.6	323.0	0.1	2.5	3.4	3.
15.8	57.4	2 01..	475.0	-11.6	-53.8	257.4	6.2	6.1	1.3	323.7	323.9	0.1	2.2	3.5	10.
16.2	58.7	3 5.1.5	450.0	-14.5	-56.3	256.6	5.6	5.5	1.3	325.0	325.2	0.1	1.8	3.7	17.
16.7	60.1	3 91.5	425.0	-14.3	-43.3	269.6	5.0	4.6	1.7	325.5	326.5	0.3	12.9	3.9	22.
17.3	72.7	3 1..5	400.0	-22.5	-39.1	232.8	6.7	5.8	3.4	325.9	327.1	0.3	22.4	4.4	27.
20.3	77.1	3 4..5	375.0	-27.0	-37.9	238.9	8.2	6.7	4.7	325.9	327.3	0.4	34.5	5.1	31.
21.7	83.2	4 73.5	350.0	-31.5	-33.6	231.3	8.6	6.7	5.4	326.1	327.7	0.4	47.4	5.9	34.
22.5	88.2	5 03.1	325.0	-36.2	-41.1	229.3	10.9	8.3	7.1	326.8	328.0	0.3	60.1	6.9	37.
24.5	94.1	5 43..	300.0	-40.9	99.9	225.3	13.5	9.6	9.5	327.8	999.9	999.9	999.9	8.6	38.
26.7	92.7	1 1 6..	275.0	-41.2	99.9	241.1	17.4	15.2	8.4	335.5	999.9	99.9	999.9	10.3	41.
29.3	97.8	1 7 3.3	250.0	-44.2	99.9	246.3	20.4	18.7	8.3	342.4	999.9	99.9	999.9	12.7	46.
31.8	102.3	1 1 7.5	225.0	-47.6	99.9	248.1	23.2	21.5	8.7	342.6	999.9	99.9	999.9	15.8	53.
34.1	107.5	1 2 1.3	200.0	-55.1	99.9	249.1	19.2	18.0	6.9	345.5	999.9	99.9	999.9	19.2	54.
37.1	113.5	1 3 2.7	175.0	-59.8	99.9	252.5	21.6	20.6	6.5	352.9	999.9	99.9	999.9	22.5	56.
40.8	119.8	1 4 3.3	150.0	-59.9	99.9	252.8	16.9	16.1	5.0	367.0	999.9	99.9	999.9	26.2	59.
44.3	126.8	1 5 7.1	125.0	-63.8	99.9	240.1	19.3	16.8	9.6	379.5	999.9	99.9	999.9	30.1	6 .
48.2	134.7	1 6 3.9	100.0	-67.0	99.9	266.4	17.4	17.3	1.7	398.4	999.9	99.9	999.9	35.3	61
52.6	144.3	1 7 6.1	75.0	-69.5	99.9	260.5	8.1	8.0	1.0	427.1	999.9	99.9	999.9	39.9	63.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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STATION NO. 235
JACKSON, MISSISSIPPI

9 MAY 1979
1605 GMT

160 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.0	91.0	1001.5	23.3	18.6	140.0	5.1	-3.3	3.9	296.3	332.0	13.6	75.0	0.0	0.
0.1	5.7	104.1	1000.0	23.0*	99.9	138.6	5.5	-3.6	4.1	296.2	999.9	99.9	999.9	0.0	342.
1.0	8.0	322.8	975.0	20.7*	99.9	142.9	5.5	-3.3	4.4	296.0	999.9	99.9	999.9	0.3	313.
1.8	10.4	547.1	950.0	18.5	17.8	141.2	4.6	-1.5	4.4	296.0	331.6	13.6	95.3	0.5	321.
2.7	12.8	776.1	925.0	16.8	16.2	174.6	5.4	-0.5	5.3	296.5	329.6	12.6	95.9	0.8	330.
3.6	15.0	1009.9	900.0	17.5	13.0	159.8	4.0	-1.4	3.8	299.5	327.9	10.6	75.1	1.0	337.
4.5	17.5	1251.2	875.0	16.9	13.6	143.5	4.0	-2.4	3.2	301.3	331.7	11.3	80.9	1.2	335.
5.5	19.9	1498.4	850.0	16.1	9.6	164.0	3.1	-0.8	2.9	303.0	327.3	8.9	65.2	1.5	336.
6.4	22.4	1752.2	825.0	14.9	5.9	220.3	2.0	1.5	1.4	304.3	324.1	7.1	54.7	1.5	336.
7.2	24.8	2012.1	800.0	14.4	0.8	207.9	2.5	1.2	2.2	306.5	321.2	5.1	39.8	1.5	340.
8.2	27.3	2279.9	775.0	13.6	-11.4	167.0	2.9	-0.7	2.9	308.4	314.8	2.1	18.8	1.7	343.
9.3	29.9	2554.5	750.0	11.4	-10.0	154.9	2.2	-1.0	2.0	309.0	316.2	2.4	21.1	1.9	342.
10.3	32.5	2837.3	725.0	11.3	-27.2	216.5	1.0	0.6	0.8	311.8	314.0	0.7	8.8	1.9	342.
11.4	35.2	3129.5	700.0	10.9	-43.2	259.6	2.0	2.0	0.4	314.5	315.0	0.1	1.0	1.9	345.
12.5	37.9	3431.0	675.0	8.8	-44.5	268.2	2.8	2.8	0.1	315.6	316.0	0.1	1.0	1.9	349.
13.5	40.6	3742.2	650.0	7.6	-45.3	277.6	2.7	2.7	-0.4	317.5	317.9	0.1	1.0	1.9	355.
14.7	43.4	4063.6	625.0	5.6	-46.5	235.1	2.3	1.9	1.3	318.8	319.2	0.1	1.0	1.9	360.
15.9	46.3	4396.1	600.0	4.0	-47.5	23..9	2.8	2.4	1.4	320.7	321.0	0.1	1.0	2.0	3.
17.1	49.2	4739.4	575.0	1.1	-49.3	267.1	2.9	2.9	0.1	321.3	321.6	0.1	1.0	2.1	8.
18.4	52.2	5095.3	550.0	-1.7	-51.0	287.3	4.0	3.8	-1.2	322.0	322.3	0.1	1.0	2.1	15.
19.8	55.3	5463.0	525.0	-4.7	-40.9	305.3	5.7	4.7	-3.3	322.8	323.6	0.2	3.9	2.8	25.
20.9	58.4	5844.2	500.0	-8.1	-36.8	297.8	7.7	6.8	-3.6	323.2	324.4	0.3	7.8	2.8	40.
22.2	61.8	6239.8	475.0	-11.8	-36.9	288.9	7.6	7.2	-2.5	323.4	324.6	0.3	10.2	2.3	56.
23.6	64.9	6651.5	450.0	-14.9	-43.4	271.3	5.4	5.4	-0.1	324.5	325.2	0.2	6.6	2.7	64.
25.1	68.3	7081.3	425.0	-18.1	-47.4	236.2	5.8	4.8	3.2	325.8	326.3	0.1	5.7	3.1	60.
26.8	71.9	7530.8	400.0	-22.2	-41.6	221.0	7.6	5.0	5.7	326.2	327.1	0.2	15.1	3.8	62.
29.5	75.4	9301.1	375.0	-26.6	-39.2	215.3	9.5	5.5	7.8	326.4	327.0	0.3	29.2	4.5	58.
32.1	79.2	8494.4	350.0	-31.1	-38.9	210.1	10.6	5.3	9.1	326.9	328.2	0.4	45.7	5.5	53.
31.8	83.2	9314.6	325.0	-36.4	-39.8	217.1	11.8	7.1	9.4	326.9	327.8	0.4	70.8	6.5	49.
33.6	87.2	9569.?	300.0	-37.8	-54.9	238.7	13.1	11.2	6.8	332.1	332.4	0.1	14.6	7.9	49.
35.5	91.6	10165.3	275.0	-40.7	99.9	238.4	15.8	13.5	8.3	336.3	999.9	99.9	999.9	9.5	51.
37.7	96.2	10810.2	250.0	-44.0	99.9	246.4	19.2	17.6	7.7	340.7	999.9	99.9	999.9	11.7	53.
40.1	101.2	11509.0	225.0	-49.5	99.9	249.7	21.4	20.0	7.4	342.7	999.9	99.9	999.9	14.6	56.
42.6	106.4	12271.0	200.0	-56.8	99.9	248.4	19.8	18.4	7.3	345.9	999.9	99.9	999.9	17.7	59.
45.5	112.3	13119.5	175.0	-57.1	99.9	253.2	20.5	19.6	5.9	355.8	999.9	99.9	999.9	21.2	60.
48.8	118.5	14091.0	150.0	-58.6	99.9	244.2	16.8	15.1	7.3	369.?	999.9	99.9	999.9	24.6	62.
52.4	125.5	15223.7	125.0	-63.7	99.9	247.0	19.2	17.6	7.5	379.6	999.9	99.9	999.9	28.5	62.
56.9	133.3	16587.5	100.0	-64.4	99.9	260.6	17.0	16.8	2.8	403.3	999.9	99.9	999.9	33.5	64.
62.4	142.5	18319.9	75.0	-67.6	99.9	273.9	7.8	8.4	5.6	431.2	999.9	99.9	999.9	37.5	66.
69.9	152.5	20821.3	50.0	-59.1	99.9	107.5	7.1	-6.8	2.1	804.3	999.9	99.9	999.9	37.2	63.
81.5	162.5	25284.3	25.0	-47.4	99.9	77.3	8.8	-8.6	-1.9	648.6	999.9	99.9	999.9	32.8	59.

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STATION NO. 235
JACKSON, MISSISSIPPI

9 MAY 1979
1705 GMT

160 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
.3	6.9	91.3	1021.8	20.1	14.2	130.3	3.6	-2.8	2.3	297.1	334.1	14.1	74.0	0.3	0.
.5	6.2	130.8	1013.9	20.0	14.3	136.2	3.6	-2.5	2.6	297.1	333.9	14.0	73.9	0.3	352.
.8	6.5	324.3	977.3	22.0	17.8	171.7	3.6	-0.5	3.5	297.3	332.3	13.3	77.2	0.2	324.
1.5	12.8	553.3	950.0	22.3	16.7	182.6	4.5	0.2	4.5	297.8	331.4	12.7	79.8	0.3	344.
2.0	13.1	744.0	925.0	19.2	16.3	179.5	4.1	-0.0	4.1	297.9	331.6	12.7	88.8	0.6	351.
3.0	12.5	1017.2	900.0	18.7	15.8	175.6	4.1	-0.3	4.1	298.7	332.2	12.7	94.4	0.8	353.
4.2	17.9	1259.2	875.0	15.0	14.2	174.7	4.0	-0.6	4.0	299.3	330.6	11.7	95.0	1.0	356.
5.0	20.3	1534.4	850.0	15.0	5.1	201.0	1.4	0.5	1.3	301.9	320.3	6.7	52.9	1.1	353.
7.0	2 .4	1757.4	825.0	15.5	-8.2	278.3	3.3	3.3	-0.5	305.0	312.4	2.5	18.7	1.1	356.
8.0	25.3	2017.6	800.0	14.4	-8.8	266.7	5.6	5.6	0.3	306.5	313.9	2.5	19.2	1.1	12.
9.0	27.9	2274.5	775.0	12.8	-10.0	226.3	4.6	3.3	3.2	307.6	312.1	1.5	12.3	1.3	26.
10.0	30.6	2535.9	750.0	11.9	-14.3	193.5	3.9	0.9	3.8	309.5	310.6	0.3	2.6	1.5	26.
11.0	33.0	2781.7	725.0	11.8	-42.7	139.4	3.8	1.2	3.4	312.4	312.8	0.1	1.0	1.8	23.
11.1	35.7	3139.8	700.0	11.1	-43.1	200.3	3.3	1.1	3.1	314.8	315.2	0.1	1.0	2.9	23.
12.1	38.3	3435.1	675.0	9.7	-44.3	237.6	2.8	1.3	2.5	316.5	316.9	0.1	1.0	2.2	23.
13.2	41.1	3767.8	650.0	7.8	-45.1	221.8	3.9	2.6	2.9	317.8	318.2	0.1	1.0	2.4	24.
14.2	43.9	4071.6	625.0	6.1	-45.2	234.2	5.1	4.1	3.1	319.4	319.8	0.1	1.0	2.7	27.
15.3	47.0	4411.9	600.0	3.5	-47.4	263.6	4.5	4.4	0.5	320.2	320.5	0.1	1.0	3.0	31.
16.3	49.8	4741.8	575.0	1.1	-49.3	278.2	5.2	4.7	-2.1	321.2	321.5	0.1	1.0	3.1	37.
.2	52.8	5122.8	550.0	-2.1	-48.1	289.0	5.	5.7	-1.9	321.6	322..	0.2	2.5	3.2	45.
18.3	5 .8	5467.9	525.0	-6.9	-43.7	276.2	4.9	4.8	-0.5	322.8	323.1	0.1	3.0	3.5	51.
.4	5 .9	5 82.8	500.0	-9.3	-42.6	272.7	5.5	5.5	-0.3	323.0	323.6	0.2	4.3	3.7	55.
.8	62.1	6244.5	475.0	-11.6	-33.5	263.7	7.6	7.6	0.8	323.6	325.2	0.5	14.2	4.3	59.
.4	6 .5	6 7 .9	450.0	-15.6	-36.6	252.1	6.3	6.2	1.9	323.8	324.9	0.4	14.4	4.9	62.
.3	7 .2	7248.2	425.0	-18.9	-44.6	231.5	5.2	4.1	3.2	324.7	325.3	0.2	8.2	5.3	62.
20.4	7 .8	7 37.8	400.0	-22.6	-40.5	214.8	7.5	4.3	6.2	325.9	327.0	0.3	17.4	5.9	60.
.7	7 .1	7 1.7	375.0	-26.5	-40.5	205.5	10.5	4.9	9.3	326.8	327.7	0.3	20.9	6.6	56.
21.1	7 .2	8337.3	350.0	-31.3	-40.2	211.1	12.6	6.4	10.8	326.5	327.6	0.3	38.C	7.7	52.
22.3	81.9	8617.3	325.0	-34.5	-47.8	226.6	11.1	8.1	7.6	329.2	329.8	0.2	25.3	9.0	50.
23.0	8 .3	8873.7	300.0	-37.6	-55.7	245.7	10.6	9.7	4.4	332.4	332.6	0.1	11.3	10.2	51.
23.2	92.4	9117.3	275.0	-43.5	99.9	242.2	15.4	13.6	7.2	336.1	999.9	99.9	999.9	11.8	53.
23.5	97.3	9 35 .7	250.0	-46.5	99.9	244.3	18.5	16.7	8.0	339.9	999.9	99.9	999.9	14.2	54.
24.4	102.3	9858.3	225.0	-50.1	99.9	241.3	19.4	17.0	9.3	341.7	999.9	99.9	999.9	16.9	56.
24.5	107.2	10273.7	200.0	-54.9	99.9	239.8	21.2	18.3	10.7	345.8	999.9	99.9	999.9	20.0	57.
24.2	112.3	10729.4	175.0	-56.6	99.9	253.9	24.0	22.7	7.9	350.5	999.9	99.9	999.9	23.8	58.
24.2	117.3	11236.1	150.0	-58.6	99.9	249.0	20.3	19.0	7.3	369.1	999.9	99.9	999.9	27.7	60.
24.3	122.3	11753.7	125.0	-62.9	99.9	245.3	18.6	16.9	7.8	381.2	999.9	99.9	999.9	31.9	61.
57.1	134.0	14592.4	100.0	-65.3	99.9	255.0	16.2	15.7	4.2	401.5	999.9	99.9	999.9	36.6	62.
62.0	142.3	14326.2	75.0	-69.1	99.9	222.4	8.7	5.8	6.4	428.2	999.9	99.9	999.9	48.8	63.
64.5	151.3	23525.3	50.0	-63.5	99.9	118.4	6.5	-5.7	3.1	501.0	999.9	99.9	999.9	40.8	60.
78.7	160.7	25271.2	25.0	-68.8	99.9	999.9	99.9	99.9	99.9	644.7	999.9	99.9	999.9	37.8	58.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISSISSIPPI

9 MAY 1979
2305 GMT

162 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	3.0	91.0	999.3	29.4	19.4	150.0	2.1	-1.0	1.8	302.6	341.2	14.4	80.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	8.1	309.5	975.0	26.0	17.0	150.3	3.2	-1.2	3.0	301.3	336.9	13.7	80.F	0.1	342.
1.3	10.5	538.1	950.0	23.9	16.0	148.7	3.5	-1.8	3.0	301.4	335.7	12.8	84.8	0.2	337.
1.9	12.8	770.7	925.0	21.2	15.6	153.0	3.7	-1.7	3.3	301.0	333.6	12.2	78.4	0.4	333.
2.8	15.2	1007.9	900.0	19.2	15.7	155.8	3.8	-1.5	3.4	301.3	335.2	12.6	80.4	0.6	336.
3.5	17.6	1249.9	875.0	16.8	15.0	155.7	3.9	-1.6	3.5	301.2	334.5	12.4	89.7	0.7	335.
4.4	20.0	1496.9	850.0	15.3	13.2	163.5	3.3	-2.0	2.6	302.1	332.7	11.3	87.5	0.9	334.
5.3	22.4	1749.9	825.0	13.5	10.5	155.0	3.2	-1.4	2.9	302.9	329.5	9.7	82.8	1.1	332.
6.2	24.9	2009.3	800.0	13.4	3.1	177.2	5.8	-0.2	5.0	305.5	322.6	6.0	69.9	1.3	335.
7.1	27.5	2278.2	775.0	12.1	-2.0	197.4	7.0	2.1	6.6	306.8	319.3	4.3	57.3	1.6	342.
8.0	30.1	2549.9	750.0	10.2	-4.7	209.1	6.1	3.0	5.3	307.7	318.3	3.6	54.6	1.9	350.
9.1	32.7	2832.2	725.0	11.4	-15.2	248.7	3.3	2.9	1.6	312.0	317.1	1.6	13.8	2.1	355.
10.1	35.3	3125.5	700.0	12.0	-15.8	277.9	4.2	4.2	-0.6	315.8	320.9	1.6	12.7	2.1	1.
11.2	37.1	3428.2	675.0	9.8	-17.4	294.0	5.7	5.2	-2.3	316.6	321.2	1.4	12.9	2.0	10.
12.2	40.4	3740.4	650.0	8.2	-18.5	303.0	5.5	4.6	-3.0	318.3	322.7	1.4	13.1	2.0	20.
13.4	43.7	4062.9	625.0	6.3	-17.8	332.2	4.8	2.2	-4.3	319.7	324.6	1.5	15.7	1.8	29.
14.6	46.5	4395.8	600.0	3.5	-19.1	330.5	5.5	2.7	-4.8	320.2	324.8	1.4	17.1	1.6	40.
15.9	49.4	4739.1	575.0	0.4	-21.4	323.8	5.3	3.1	-4.3	320.5	324.5	1.2	17.6	1.6	50.
17.0	52.6	5093.5	550.0	-2.6	-23.1	324.0	4.6	2.7	-3.7	321.0	324.6	1.1	18.7	1.4	67.
18.3	55.5	5460.2	525.0	-5.7	-24.5	293.3	6.4	5.9	-2.5	321.6	325.0	1.0	20.8	1.8	78.
19.5	58.6	5840.5	500.0	-8.8	-26.6	274.4	9.2	9.2	-0.7	322.3	325.2	0.9	22.0	2.4	83.
20.9	61.9	6235.0	475.0	-12.4	-28.5	262.1	10.6	10.5	1.5	322.6	325.2	0.8	24.7	3.2	85.
22.4	65.1	6645.1	450.0	-16.2	-29.0	246.3	10.9	10.0	4.4	322.9	325.5	0.8	32.0	4.1	82.
23.8	69.6	7072.5	425.0	-19.8	-31.4	226.3	11.5	8.3	8.0	323.6	325.9	0.6	34.7	5.0	78.
25.4	72.1	7519.5	400.0	-23.3	-35.3	215.5	12.1	7.2	10.2	324.7	326.4	0.5	32.1	5.9	71.
26.9	75.7	7987.6	375.0	-27.8	-37.1	217.8	12.4	7.6	9.8	326.9	326.4	0.4	40.2	6.9	65.
28.6	79.6	8483.0	350.0	-29.6	-45.9	230.8	10.5	8.1	6.6	328.9	329.6	0.2	18.6	8.0	62.
30.4	83.5	9007.9	325.0	-33.2	-49.0	240.4	10.9	9.5	5.4	331.0	331.5	0.1	18.4	9.1	61.
32.2	87.7	9565.7	300.0	-37.5	-52.4	246.9	13.8	12.7	5.4	332.6	333.0	0.1	19.2	10.4	62.
34.3	92.0	10161.6	275.0	-41.1	99.9	251.6	16.2	15.4	5.1	335.7	999.9	99.9	999.9	12.3	63.
36.5	96.6	10803.6	250.0	-45.4	99.9	252.7	18.0	17.2	5.3	338.6	999.9	99.9	999.9	14.6	64.
39.0	101.6	11497.9	225.0	-50.7	99.9	253.6	18.2	17.5	5.1	340.9	999.9	99.9	999.9	17.2	66.
41.6	106.8	12257.7	200.0	-54.3	99.9	252.2	19.4	18.5	5.9	346.8	999.9	99.9	999.9	20.0	67.
44.6	112.5	13109.3	175.0	-56.8	99.9	252.1	21.0	20.0	6.5	357.5	999.9	99.9	999.9	23.9	67.
48.2	119.0	14082.3	150.0	-59.7	99.9	253.6	21.0	20.1	5.9	367.3	999.9	99.9	999.9	28.3	69.
52.0	126.0	15209.3	125.0	-63.9	99.9	247.3	19.4	17.9	7.5	379.3	999.9	99.9	999.9	32.9	69.
56.6	133.7	16571.5	100.0	-65.9	99.9	249.0	16.2	15.1	5.8	400.5	999.9	99.9	999.9	38.0	69.
62.5	142.7	18295.3	75.0	-69.5	99.9	219.1	8.2	5.2	6.4	427.1	999.9	99.9	999.9	42.2	68.
70.3	152.5	20772.0	50.0	-63.5	99.9	97.2	4.9	-4.8	0.6	493.9	999.9	99.9	999.9	42.2	66.
82.5	162.3	25226.7	25.0	-49.1	99.9	66.0	6.6	-6.7	-4.6	643.9	999.9	99.9	999.9	38.3	67.

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STATION NO. 235
JACKSON, MISSISSIPPI

10 MAY 1979
305 GMT

162 12. 0

TEMP MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
2.3	6.5	91.0	999.9	21.1	20.6	120.0	2.1	-1.8	1.0	294.3	334.2	15.5	97.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
2.9	4.7	312.6	975.0	24.3*	99.9	126.5	7.4	-6.0	4.4	303.2	999.9	99.9	999.9	0.3	300.
1.7	1.3	531.5	950.0	23.2	17.0	130.5	6.1	-4.7	4.0	300.8	339.3	12.9	67.9	0.6	303.
2.4	11.2	771.0	925.0	21.9	16.3	145.3	6.4	-3.7	5.3	300.7	334.8	12.9	76.8	0.9	308.
1.5	15.3	1014.1	900.0	19.1	14.9	159.5	7.0	-2.5	6.6	301.2	333.4	12.0	76.6	1.3	315.
4.8	17.7	1259.2	875.0	17.6	11.1	168.5	8.2	-1.2	8.1	302.1	328.1	9.6	65.6	1.6	322.
5.3	20.1	1507.7	850.0	16.1	8.4	169.2	9.2	-1.0	9.1	303.0	325.6	8.2	60.3	1.9	326.
6.2	22.5	1758.6	825.0	15.1	1.8	168.1	9.8	-1.0	9.7	304.6	319.8	5.3	40.6	2.1	329.
7.7	24.9	2011.5	800.0	14.2	-1.7	174.7	9.0	-0.9	8.9	306.3	319.0	4.4	34.5	2.4	331.
9.1	27.3	2264.7	775.0	12.3	-2.5	191.2	8.3	1.2	8.2	307.1	317.1	4.1	35.5	2.7	335.
7.1	29.9	2517.6	750.0	11.0	-6.2	195.9	9.6	0.5	9.6	308.5	317.6	3.1	27.9	3.0	340.
1.1	3.1	2437.4	725.0	12.6	-13.4	97.9	1.7	-1.6	0.2	313.3	319.2	1.9	16.9	3.2	340.
11.2	34.4	3124.6	700.0	12.2	-14.2	346.6	3.5	0.8	-3.4	316.0	321.7	1.8	14.3	3.1	340.
12.3	37.1	3833.4	675.0	13.6	-13.5	324.2	4.9	2.9	-4.0	317.6	323.9	2.0	14.9	2.8	341.
13.4	4.1	3736.1	650.0	8.3	-16.2	325.4	2.9	1.6	-2.4	318.4	323.8	1.7	15.7	2.5	343.
14.7	44.8	4398.7	625.0	6.5	-17.6	323.4	1.8	1.1	-1.4	319.8	324.9	1.5	15.9	2.4	344.
15.7	45.6	4831.4	600.0	3.3	-19.7	238.5	2.4	2.1	-1.1	319.9	324.3	1.3	16.6	2.3	346.
16.8	46.3	4766.4	575.0	0.3	-21.3	298.3	1.7	1.5	-0.8	320.3	324.3	1.2	17.8	2.2	349.
17.1	51.2	5399.7	550.0	-2.8	-23.4	272.8	2.6	2.6	-0.1	320.7	324.3	1.1	18.7	2.1	352.
18.3	48.1	5854.8	525.0	-6.2	-25.3	266.8	4.8	4.8	0.3	321.0	324.1	0.9	23.3	2.1	360.
20.7	57.2	5440.8	500.0	-10.1	-27.6	268.5	8.0	8.0	0.2	320.7	323.4	0.8	22.3	2.2	13.
21.1	8.3	6216.7	475.0	-13.3	-29.4	259.2	11.2	11.0	2.1	321.5	323.9	0.7	24.3	2.6	31.
22.5	61.5	6685.5	450.0	-17.4	-30.5	244.4	12.6	11.3	5.4	321.4	323.7	0.7	30.6	3.4	43.
23.3	64.7	7371.1	425.0	-20.6	-34.7	230.4	12.8	9.8	8.1	322.6	324.2	0.5	26.8	4.5	46.
24.6	73.1	7316.8	400.0	-23.7	-39.7	243.2	9.2	8.2	4.2	324.2	325.3	0.3	21.1	5.6	47.
25.1	73.6	7993.1	375.0	-27.3	-43.8	257.3	8.4	8.2	1.8	325.5	326.3	0.2	18.9	6.3	50.
27.5	77.1	8478.3	350.0	-33.6	-46.6	255.4	7.9	7.6	2.0	327.4	328.1	0.2	19.1	7.1	53.
31.5	81.3	9332.7	325.0	-34.3	-49.5	258.2	5.3	5.2	1.1	329.5	329.9	0.1	19.4	7.7	55.
33.5	84.3	9959.3	300.0	-38.1	-52.7	252.3	8.3	7.9	2.5	331.7	332.0	0.1	19.7	8.4	57.
35.6	87.2	10593.1	275.0	-42.1	99.9	252.0	12.9	12.3	4.0	334.3	999.9	99.9	999.9	9.6	59.
37.3	91.6	11234.9	250.0	-46.6	99.9	251.2	14.8	14.3	4.8	336.9	999.9	99.9	999.9	11.6	61.
40.5	93.2	11889.5	225.0	-51.1	99.9	250.7	15.1	14.3	5.0	340.1	999.9	99.9	999.9	13.9	63.
43.7	103.2	12234.7	200.0	-56.7	99.9	254.5	17.6	17.0	4.7	346.2	999.9	99.9	999.9	16.5	64.
46.5	106.8	13259.1	175.0	-57.0	99.9	260.5	18.7	18.5	3.1	355.8	999.9	99.9	999.9	20.8	67.
53.0	114.5	14057.6	150.0	-60.5	99.9	254.2	19.5	18.8	5.3	365.8	999.9	99.9	999.9	24.0	69.
56.1	121.0	15182.9	125.0	-66.4	99.9	249.5	19.2	18.0	6.7	378.4	999.9	99.9	999.9	28.7	69.
59.1	129.7	16593.6	100.0	-67.2	99.9	245.0	16.2	14.8	6.6	397.9	999.9	99.9	999.9	33.9	69.
64.9	137.3	18265.5	75.0	-68.1	99.9	188.9	5.9	0.9	5.9	430.2	999.9	99.9	999.9	38.0	68.
73.1	144.9	20735.9	50.0	-61.2	99.9	97.9	8.6	-6.5	0.9	499.2	999.9	99.9	999.9	37.0	85.
84.1	163.5	25183.2	25.0	-48.0	99.9	999.9	99.9	99.9	99.9	646.9	999.9	99.9	999.9	30.9	85.

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STATION NO. 235
JACKSON, MISSISSIPPI

10 MAY 1979
905 GMT

163 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.3	91.0	1000.9	22.2	19.9	160.0	1.5	-0.5	1.4	295.3	333.7	14.8	87.0	0.0	0.
0.0	4.6	98.9	1000.0	22.2	19.6	999.9	99.9	99.9	99.9	295.3	333.1	14.6	85.4	999.9	999.
0.0	8.5	328.2	975.0	23.4	19.2	999.9	99.9	99.9	99.9	298.7	337.1	14.6	77.3	999.9	999.
1.7	10.9	567.3	950.0	22 3	17.7	999.9	99.9	99.9	99.9	299.8	335.8	13.6	75.4	999.9	999.
2.5	13.2	778.3	925.0	20.4	17.4	999.9	99.9	99.9	99.9	300.1	336.4	13.6	82.9	1.4	352.
3.3	15.6	1016.3	900.0	18.8	16.7	146.9	10.1	-5.8	8.3	300.9	336.7	13.4	87.7	1.9	345.
4.2	18.0	1258.1	875.0	16.9	15.6	150.1	9.6	-4.8	8.3	301.4	335.9	12.9	92.2	2.4	341.
5.0	20.5	1505.6	850.0	16.3	9.0	157.0	9.5	-3.7	8.8	303.2	327.0	8.6	63.8	2.9	340.
5.9	22.9	1759.6	825.0	15.8	2.9	164.1	8.5	-2.3	8.2	305.3	321.6	6.7	42.1	3.3	340.
6.7	25.4	2020.4	800.0	14.1	0.8	171.0	6.8	-1.1	6.7	306.2	320.8	6.1	40.1	3.7	341.
7.6	29.0	2297.1	775.0	11.8	-1.2	172.2	6.1	-0.8	6.1	306.5	319.6	6.5	48.3	4.0	342.
8.5	30.6	2580.7	750.0	10.3	-6.4	160.0	5.1	-1.7	4.8	307.8	317.3	3.2	30.3	4.3	342.
9.4	33.1	2863.4	725.0	13.0	-15.0	112.4	2.7	-2.5	1.0	313.7	318.9	1.6	12.7	4.6	342.
10.5	35.8	3137.8	700.0	12.8	-13.6	11.4	2.7	-0.5	-2.7	316.5	322.5	1.9	14.7	4.6	340.
11.6	38.6	3442.2	675.0	11.2	-19.9	339.6	3.8	1.3	-3.6	318.2	323.9	1.8	14.3	4.3	340.
12.7	41.3	3755.4	650.0	8.6	-17.8	342.8	2.2	0.7	-2.1	318.7	323.4	1.5	13.5	4.1	340.
13.9	44.1	4077.9	625.0	6.1	-18.6	346.7	1.8	0.4	-1.8	319.5	324.1	1.4	15.8	4.0	340.
15.0	47.0	4410.0	600.0	2.9	-21.0	298.5	2.8	2.4	-1.3	319.5	323.4	1.2	15.2	3.8	340.
16.2	50.0	4752.8	575.0	0.3	-22.6	267.8	4.3	4.2	0.2	320.3	323.9	1.1	15.9	3.7	344.
17.4	52.9	5107.9	550.0	-2.9	-25.0	256.8	5.6	5.4	1.3	320.7	323.7	0.9	16.2	3.7	349.
18.6	56.0	5473.0	525.0	-6.4	-26.5	254.8	8.3	8.0	2.2	320.8	323.6	0.8	18.4	3.8	356.
19.9	59.3	5852.1	500.0	-9.6	-28.4	258.2	11.4	11.2	2.3	321.3	323.8	0.7	19.8	4.0	7.
21.0	62.4	6245.1	475.0	-13.7	-30.7	259.1	12.3	12.0	2.3	321.1	323.2	0.6	22.0	4.3	18.
22.1	65.8	6653.2	450.0	-17.5	-32.4	257.8	11.6	11.3	2.4	321.2	323.1	0.5	25.7	4.8	26.
23.4	69.3	7077.6	425.0	-21.9	-34.1	256.2	11.2	10.8	2.7	320.9	322.6	0.5	32.8	5.4	34.
24.8	72.7	7522.4	400.0	-26.0	-42.0	253.0	8.4	8.1	2.5	323.0	324.6	0.2	17.2	6.0	39.
26.3	76.4	7990.2	375.0	-27.3	-45.0	254.9	6.1	5.9	1.6	325.4	326.1	0.2	16.7	6.6	42.
27.9	80.3	8483.4	350.0	-30.7	-47.9	267.0	6.4	6.4	0.3	327.4	327.9	0.1	16.5	7.0	45.
29.6	84.1	9005.9	325.0	-34.2	-50.7	259.5	5.7	5.6	1.0	329.6	330.0	0.1	16.8	7.4	48.
31.4	89.3	9561.9	300.0	-37.8	-53.6	250.8	8.9	8.4	2.9	332.2	332.5	0.1	17.1	8.2	50.
33.3	92.7	10157.1	275.0	-41.6	99.9	250.6	11.3	10.6	3.7	335.0	999.9	99.9	999.9	9.3	53.
35.5	97.2	10797.5	250.0	-45.5	99.9	253.8	15.0	14.3	4.4	338.4	999.9	99.9	999.9	11.0	55.
37.8	102.2	11492.4	225.0	-50.5	99.9	256.9	17.3	16.7	4.5	341.1	999.9	99.9	999.9	13.0	59.
40.2	107.2	12252.6	200.0	-54.9	99.9	257.9	17.2	16.8	3.6	345.5	999.9	99.9	999.9	15.6	61.
43.1	113.0	13100.0	175.0	-57.4	99.9	25 .7	17.9	17.5	3.8	355.3	999.9	99.9	999.9	18.3	64.
46.4	119.0	14070.2	150.0	-60.6	99.9	257.	19.9	19.5	4.2	366.1	999.9	99.9	999.9	22.1	66.
50.0	125.8	15197.9	125.0	-64.2	99.9	256.1	20.6	20.0	4.9	378.8	999.9	99.9	999.9	26.5	68.
54.3	133.3	16552.6	100.0	-67.3	99.9	263.1	15.1	13.5	6.8	397.8	999.9	99.9	999.9	31.1	69.
59.3	142.0	18271.6	75.0	-68.7	99.9	192.4	7.0	1.8	6.8	428.9	999.9	99.9	999.9	33.9	67.
66.8	152.0	20748.8	50.0	-5 .3	99.9	109.7	7.2	-6.8	2.4	481.8	999.9	99.9	999.9	33.4	63.
79.1	162.9	25172.8	25.0	-4 .4	99.9	999.9	99.9	99.9	99.9	642.9	999.9	99.9	999.9	28.8	63.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISSISSIPPI

10 MAY 1972
ROS GMT

162 11. 0

TIME MIN	CNTCT	HT *	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.0	91.0	1000.0	23.0	23.0	180.0	1.5	0.3	1.5	293.1	331.6	14.9	100.0	0.0	0.
0.3	0.3	88.	1000.0	23.0	19.9	169.1	2.5	0.4	2.5	293.1	331.2	14.8	99.5	0.0	359.
0.9	0.9	311.4	975.3	23.4	19.4	174.9	13.0	-1.2	13.0	295.7	333.9	14.7	93.9	0.4	350.
1.7	11.1	3[illegible]	[illegible]	21.1	10.6	162.1	13.4	-4.1	12.7	298.6	331.6	12.5	74.5	1.1	352.
2.5	11.4	77[illegible]	925.3	20.3	15.5	150.2	14.1	-7.0	12.2	300.1	332.3	12.1	73.6	1.8	345.
3.6	17.6	1[illegible]	900.3	19.0	13.4	147.5	14.7	-7.9	12.4	301.1	333.3	10.9	70.1	2.6	339.
4.5	17.9	1263.1	875.3	17.9	7.3	156.4	13.6	-5.9	12.3	302.3	322.4	7.2	49.2	3.3	337.
5.3	2[illegible]	1441.9	850.3	17.1	2.6	165.8	10.5	-2.6	10.1	304.1	319.5	5.5	37.8	4.0	338.
6.2	2[illegible]	1[illegible]	825.3	15.8	-1.6	165.6	6.8	-1.7	6.5	305.3	317.3	4.1	30.2	4.4	338.
7.1	2[illegible]	2011.4	800.3	14.7	-5.2	174.9	6.7	-0.6	6.6	306.8	316.4	3.2	24.8	4.7	339.
8.1	27.6	2[illegible]	775.3	13.7	-15.5	189.1	6.1	1.0	6.0	308.6	313.4	1.6	12.6	5.1	341.
9.1	3[illegible]	2[illegible]	750.3	14.8	-24.7	199.3	3.8	0.6	3.5	312.6	314.9	0.7	4.9	5.4	343.
10.1	3[illegible]	2[illegible]	725.3	14.1	-24.3	138.0	4.3	-1.3	0.4	314.9	316.5	0.5	3.4	5.5	343.
11.2	3[illegible]	3137.2	700.3	12.3	-26.1	27.0	3.2	-1.5	-2.8	316.1	318.3	0.7	5.1	5.8	342.
12.2	3[illegible]	3[illegible]	675.3	10.3	-22.9	21.0	3.8	-1.3	-3.4	317.2	320.2	0.9	7.7	5.2	340.
13.2	4.4	3[illegible]	[illegible]	8.0	-27.7	37.1	2.6	-1.6	-2.1	319.0	320.1	0.6	5.8	5.1	339.
14.1	4[illegible]	4[illegible]	[illegible]	7.4	-27.0	93.0	1.6	-1.6	0.0	318.6	320.5	0.5	6.1	5.0	338.
15.3	4.9	4[illegible]	625.3	2.6	-27.0	177.6	1.3	-0.1	1.3	319.1	320.9	0.5	6.9	5.1	337.
16.3	4.8	4[illegible]	600.3	-0.3	-31.5	236.5	3.5	3.0	2.0	319.9	321.7	0.5	7.8	5.1	339.
17.5	5[illegible]	5[illegible]	575.3	-3.3	-31.1	248.9	6.1	5.7	2.2	320.2	321.9	0.5	9.4	5.2	342.
18.7	5[illegible]	5[illegible]	550.3	-6.8	-32.2	256.8	7.9	7.6	2.1	320.3	321.9	0.5	11.0	5.2	348.
19.9	5[illegible]	5[illegible]	525.3	-10.5	-32.1	259.5	8.9	8.7	1.6	320.3	322.1	0.5	14.9	5.3	355.
21.1	6.0	6[illegible]	500.3	-14.2	-32.2	261.4	9.6	9.3	1.4	320.4	322.2	0.5	20.1	5.3	2.
22.3	6.2	6[illegible]	475.3	-17.9	-32.3	259.1	10.5	10.3	2.2	320.2	322.1	0.6	28.2	5.6	11.
23.1	6[illegible]	6[illegible]	450.3	-22.2	-32.7	253.2	11.0	11.0	-0.3	320.5	322.5	0.6	39.5	6.0	20.
24.4	7.2	7[illegible]	425.3	-23.9	-47.2	249.0	6.6	6.3	-2.1	323.9	324.4	0.1	8.7	6.2	28.
25.5	7[illegible]	7[illegible]	400.3	-27.6	-51.3	269.2	4.7	4.7	0.1	325.1	325.4	0.1	8.2	6.4	32.
26.7	7[illegible]	8[illegible]	375.3	-33.6	-54.3	281.5	5.5	5.1	-2.0	327.6	327.8	0.1	8.0	6.7	37.
28.3	8[illegible]	8[illegible]	350.3	-38.7	-55.3	283.3	5.8	5.7	-1.0	328.9	329.1	0.1	10.1	6.8	41.
29.5	8[illegible]	8[illegible]	325.3	-38.3	-57.9	273.5	7.5	7.5	-0.5	331.4	331.6	0.0	10.5	7.4	47.
31.4	9[illegible]	9[illegible]	300.3	-43.1	-93.9	266.9	9.2	9.1	0.5	334.3	999.9	99.9	999.9	8.1	51.
32.9	9[illegible]	9[illegible]	275.3	-46.9	-99.9	273.2	10.5	10.4	-0.8	336.3	999.9	99.9	999.9	9.4	57.
34.4	9[illegible]	10[illegible]	250.3	-50.8	-99.9	273.0	11.4	11.4	-0.6	340.7	999.9	99.9	999.9	10.7	62.
35.9	10[illegible]	10[illegible]	225.3	-55.0	-99.9	269.8	15.1	14.9	2.4	345.6	999.9	99.9	999.9	12.7	66.
37.6	10[illegible]	10[illegible]	200.3	-56.2	-99.9	263.5	19.0	18.9	2.2	351.1	999.9	99.9	999.9	15.9	69.
39.9	11[illegible]	11[illegible]	175.3	-59.3	-99.9	267.4	21.6	21.6	1.0	366.2	999.9	99.9	999.9	20.1	73.
41.2	12[illegible]	11[illegible]	150.3	-64.2	-99.9	262.1	19.9	19.7	2.7	378.8	999.9	99.9	999.9	25.4	76.
43.3	12[illegible]	12[illegible]	125.3	-66.2	-99.9	261.9	14.7	12.9	6.9	398.6	999.9	99.9	999.9	30.3	78.
44.6	13[illegible]	13[illegible]	100.3	-68.9	-99.9	238.1	8.1	3.8	7.1	425.3	999.9	99.9	999.9	33.6	73.
72.9	18[illegible]	23[illegible]	50.3	-56.2	-99.9	134.3	8.7	-8.5	1.7	492.3	999.9	99.9	999.9	33.6	68.
85.6	18[illegible]	25[illegible]	25.3	-49.0	-99.9	57.8	6.0	-5.0	-3.2	646.1	999.9	99.9	999.9	28.6	69.

* HT SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* HT TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISSISSIPPI

18 MAY 1979
1108 GMT

100 10. 0

TIME MIN	CNTCY	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.2	91.0	1001.1	21.0	21.0	170.0	1.5	-0.3	1.5	294.1	334.9	15.9	100.0	0.0	0.
0.0	0.3	100.6	1000.0	21.0	20.9	171.2	2.5	-0.4	2.5	294.2	334.7	15.8	99.3	0.0	3.
0.0	0.5	320.4	975.0	19.9	19.0	183.4	9.0	0.6	9.0	295.2	332.4	14.3	94.3	0.3	12.
1.7	10.9	944.5	950.0	18.4	17.5	189.2	11.9	1.9	11.7	295.8	330.7	13.4	94.4	0.9	9.
2.4	13.3	774.0	925.0	18.9	14.4	188.8	12.6	1.9	12.5	298.6	328.6	11.3	75.3	1.4	9.
3.3	15.7	1009.8	900.0	18.4	10.8	185.2	12.8	1.1	12.4	300.5	325.2	9.1	61.4	2.1	8.
4.0	18.1	1251.3	875.0	18.6	-2.9	182.5	11.5	0.5	11.5	303.1	313.3	3.5	23.0	2.7	8.
4.9	20.6	1499.6	850.0	17.8	-3.4	179.4	9.5	-0.1	9.5	304.6	315.0	3.8	23.2	3.2	6.
5.7	23.1	1753.8	825.0	16.4	-8.8	183.5	10.5	0.6	10.5	305.9	313.1	2.4	16.8	3.8	6.
6.6	25.6	2014.4	800.0	14.7	-12.5	192.1	9.8	2.1	9.6	306.9	312.5	1.8	14.8	4.2	6.
7.4	28.1	2281.8	775.0	13.9	-24.1	210.9	5.5	3.3	4.4	308.8	311.2	0.8	6.8	4.6	7.
8.3	30.7	2557.9	750.0	14.1	-41.3	233.9	5.3	4.3	3.1	311.9	312.4	0.1	1.8	4.8	9.
9.2	33.3	2842.6	725.0	12.8	-42.1	221.4	4.1	2.7	3.1	313.5	314.0	0.1	1.8	5.0	11.
10.1	36.0	3135.6	700.0	11.5	-42.8	148.6	2.2	-1.2	1.9	315.3	315.7	0.1	1.8	5.1	12.
11.1	38.8	3438.2	675.0	9.8	-40.5	86.4	3.8	-3.8	-0.2	316.7	317.3	0.2	1.8	5.1	10.
12.3	41.8	3749.8	650.0	7.8	-41.5	81.9	4.8	-4.7	-0.7	317.8	318.4	0.2	1.8	5.0	6.
13.7	44.3	4071.3	625.0	5.5	-44.6	110.5	4.5	-4.1	2.0	318.7	319.1	0.1	1.8	5.0	2.
15.0	47.3	4403.1	600.0	3.3	-47.7	191.4	3.7	0.7	3.6	320.0	320.3	0.1	1.8	5.2	360.
16.0	50.2	4746.1	575.0	0.3	-46.4	240.3	9.7	9.2	2.3	320.3	320.7	0.1	1.8	5.4	2.
17.2	53.3	5099.9	550.0	-3.1	-40.6	260.0	7.8	7.8	0.2	320.4	321.2	0.2	3.6	5.5	7.
18.5	56.4	5465.3	525.0	-6.9	-36.9	265.1	8.4	8.3	0.7	320.2	321.3	0.3	7.8	5.6	13.
19.8	59.5	5843.3	500.0	-10.5	-35.5	267.4	8.7	8.7	0.4	320.2	321.5	0.4	10.7	5.9	19.
21.1	62.8	6235.1	475.0	-14.4	-35.0	269.0	8.5	8.5	0.1	320.1	321.6	0.4	15.4	6.1	25.
22.5	66.1	6642.0	450.0	-18.3	-33.5	268.0	8.9	8.9	0.6	320.2	321.9	0.5	24.9	6.5	31.
24.1	69.6	7065.4	425.0	-22.5	-33.8	267.3	8.9	8.9	0.4	320.1	321.9	0.5	34.8	7.1	37.
25.6	73.0	7508.8	400.0	-26.0	-51.5	292.1	5.0	4.7	-1.9	323.9	324.2	0.1	5.8	7.5	41.
27.2	76.7	7977.2	375.0	-26.8	-56.7	286.6	3.9	3.7	-1.1	326.1	326.3	0.0	4.3	7.6	43.
29.0	80.6	8471.9	350.0	-30.0	-60.4	299.2	3.6	3.2	-1.8	328.4	328.5	0.0	3.3	7.7	46.
30.8	84.5	8995.6	325.0	-34.0	-62.4	313.8	4.2	3.1	-2.9	329.9	330.0	0.0	3.8	7.8	49.
32.7	88.7	9551.0	300.0	-38.4	-63.8	315.0	5.5	3.9	-3.9	331.2	331.3	0.0	5.5	7.8	54.
34.8	93.0	10144.4	275.0	-41.8	99.9	292.4	6.5	6.0	-2.5	334.7	999.9	99.9	999.9	8.1	58.
37.0	97.8	10783.6	250.0	-46.9	99.9	292.6	8.1	7.5	-3.1	336.3	999.9	99.9	999.9	8.7	64.
39.4	102.8	11475.4	225.0	-51.1	99.9	299.8	8.1	7.1	-4.0	340.1	999.9	99.9	999.9	9.4	69.
41.9	108.0	12235.9	200.0	-54.5	99.9	275.8	10.7	10.6	-1.1	346.6	999.9	99.9	999.9	10.5	74.
44.8	113.8	13083.3	175.0	-57.3	99.9	268.3	14.9	14.9	0.4	355.4	999.9	99.9	999.9	12.7	76.
48.1	120.8	14050.6	150.0	-60.9	99.9	267.9	18.6	18.6	0.7	365.2	999.9	99.9	999.9	16.8	79.
51.9	127.8	15179.0	125.0	-63.6	99.9	258.4	19.4	19.0	3.9	380.1	999.9	99.9	999.9	20.3	81.
56.6	135.0	16539.4	100.0	-66.4	99.9	237.5	14.9	12.6	8.0	399.5	999.9	99.9	999.9	25.0	78.
62.0	143.5	18272.4	75.0	-67.6	99.9	220.4	8.9	6.8	4.9	431.2	999.9	99.9	999.9	28.4	75.
69.4	153.0	20748.3	50.0	-62.1	99.9	103.5	6.1	-5.9	1.4	497.1	999.9	99.9	999.9	28.4	73.
80.6	162.3	25196.3	25.0	-48.6	99.9	24.3	4.6	-1.9	-4.2	648.4	999.9	99.9	999.9	24.6	72.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
+ BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA

9 MAY 1979
1100 GMT

184 16. 0

TEMP MBL	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MIX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	6.4	54.3	1004.0	19.9	18.9	90.0	1.5	-1.5	0.0	291.4	326.6	13.8	103.0	0.0	0.
0.3	6.9	76.1	1000.0	21.2	20.2	169.3	8.2	-1.5	8.1	296.3	333.4	15.2	94.6	0.1	293.
1.1	9.2	298.1	975.0	20.4	19.3	164.6	9.6	-2.5	9.3	295.7	333.8	14.7	93.6	0.4	338.
1.9	11.5	519.9	950.0	19.8	17.6	150.9	11.3	-5.5	9.9	296.2	331.5	13.5	93.0	0.9	335.
2.7	13.9	743.3	925.0	19.3	14.5	149.2	12.2	-6.3	10.5	298.7	328.9	11.3	75.5	1.4	332.
3.5	16.3	996.1	900.0	18.6	10.3	157.3	11.0	-4.3	10.2	300.7	326.6	8.8	58.5	2.1	332.
4.4	18.8	1225.9	875.0	18.3	4.4	170.8	9.7	-1.6	9.6	302.8	317.6	6.0	39.8	2.6	334.
5.2	21.1	1473.6	850.0	17.5	6.6	177.4	8.8	-0.4	8.8	304.5	326.7	7.2	48.8	3.0	338.
6.2	23.6	1749.2	825.0	15.3	-0.1	170.1	8.4	-1.4	8.3	305.8	319.2	6.6	33.0	3.5	340.
7.2	26.1	1999.9	800.0	14.7	-15.3	172.4	7.7	-1.0	7.7	306.9	312.9	1.7	13.1	4.1	341.
8.1	28.6	2257.6	775.0	16.5	-33.8	243.3	3.2	2.9	1.5	311.6	317.1	0.2	1.0	4.3	342.
9.2	31.2	2535.7	750.0	16.3	-40.0	279.2	4.0	4.0	-0.6	314.2	314.8	0.2	1.0	4.2	345.
10.2	33.8	2823.2	725.0	16.1	-40.1	279.6	5.4	5.4	-0.9	317.1	317.7	0.2	1.0	4.1	348.
11.2	36.6	3119.5	700.0	13.9	-41.5	272.5	6.1	6.0	-1.0	317.8	318.3	0.1	1.0	3.9	356.
12.3	39.3	3423.7	675.0	11.2	-43.1	266.7	6.0	6.0	0.3	318.1	318.6	0.1	1.0	3.7	359.
13.3	42.1	3736.4	650.0	9.6	-44.7	262.1	6.8	6.7	0.7	318.5	318.9	0.1	1.0	3.5	4.
14.5	45.1	4059.4	625.0	5.9	-46.3	262.3	2.8	2.7	0.6	319.2	319.5	0.1	1.0	4.3	8.
15.7	47.9	4391.2	600.0	4.1	-47.4	333.5	1.9	0.9	-1.7	320.8	321.2	0.1	1.0	4.0	9.
16.9	50.9	4736.9	575.0	1.1	-49.3	348.9	4.4	0.8	-4.3	321.3	321.6	0.1	1.0	3.8	10.
18.3	53.9	5090.2	550.0	-1.8	-51.1	324.2	5.3	3.1	-4.3	322.0	322.2	0.1	1.0	3.5	14.
19.3	57.0	5454.1	525.0	-4.7	-52.9	292.0	6.6	6.1	-2.5	322.8	323.0	0.1	1.0	3.3	20.
20.6	60.1	5833.1	500.0	-8.5	-46.0	272.7	7.6	7.5	-0.4	322.6	323.1	0.1	3.0	3.5	30.
22.3	63.4	6230.6	475.0	-11.9	-36.5	256.2	7.7	7.4	2.1	323.4	324.7	0.3	10.8	3.9	37.
23.1	66.9	6645.4	450.0	-13.3	-32.4	243.6	8.3	7.4	3.7	324.0	326.0	0.6	21.5	4.5	42.
24.3	70.3	7073.7	425.0	-19.6	-33.6	234.5	9.2	7.5	5.3	323.8	326.3	0.7	37.0	5.3	44.
25.6	73.7	7520.1	400.0	-23.9	-29.7	213.7	9.3	5.0	7.5	324.0	326.8	0.8	59.2	6.1	44.
26.3	77.4	7987.9	375.0	-27.7	-36.4	202.6	10.6	4.1	9.8	325.0	326.6	0.4	42.8	7.1	42.
27.5	81.3	8479.7	350.0	-31.3	-47.0	222.8	11.1	7.6	8.2	326.6	327.3	0.2	23.1	8.2	40.
31.8	85.3	9003.9	325.0	-34.0	-71.8	238.0	11.9	10.1	6.3	329.8	329.8	0.0	1.0	9.4	42.
33.4	89.6	9563.6	300.0	-36.0	-73.2	236.9	17.8	14.9	9.7	336.5	336.6	0.0	1.0	11.0	44.
34.9	93.9	10159.9	275.0	-39.6	-75.7	244.8	19.9	18.0	8.5	337.6	337.6	0.0	1.0	13.4	47.
36.2	98.6	10794.9	250.0	-44.5	99.9	245.2	20.9	18.9	8.7	340.0	999.9	99.9	999.9	16.0	50.
40.4	103.4	11532.2	225.0	-49.9	99.9	246.1	22.7	20.8	9.2	342.1	999.9	99.9	999.9	19.4	53.
41.5	108.6	12264.3	200.0	-54.4	99.9	249.0	23.0	21.5	8.2	346.7	999.9	99.9	999.9	23.8	56.
46.4	114.3	13112.1	175.0	-57.9	99.9	248.2	26.2	24.3	9.7	354.4	999.9	99.9	999.9	27.1	57.
52.3	120.5	14079.8	150.0	-63.0	99.9	249.7	26.3	24.7	9.1	366.7	999.9	99.9	999.9	33.0	60.
54.9	127.3	15235.5	125.0	-63.5	99.9	238.8	21.5	18.3	11.1	379.9	999.9	99.9	999.9	38.4	61.
59.5	135.0	16565.8	100.0	-66.0	99.9	247.0	20.1	18.5	7.8	400.1	999.9	99.9	999.9	44.8	60.
64.3	144.0	18293.8	75.0	-70.2	99.9	192.7	6.8	1.5	6.6	425.7	999.9	99.9	999.9	49.1	61.
72.1	156.3	20778.9	50.0	-58.3	99.9	114.8	9.5	-9.0	2.3	506.1	999.9	99.9	999.9	48.4	58.
83.8	165.3	25243.5	25.0	-68.7	99.9	97.1	12.7	-12.6	1.6	644.8	999.9	99.9	999.9	43.9	55.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA

9 MAY 1979
1400 GMT

100 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.9	5.0	1009.3	24.4	21.5	150.0	3.6	-1.8	3.1	296.8	339.0	16.3	84.0	0.0	0.
0.2	6.7	84.2	1000.0	23.3	18.7	169.8	4.8	-0.8	4.7	296.4	332.2	13.7	75.3	0.2	337.
0.9	9.0	307.1	975.0	21.8	19.3	173.1	4.9	-0.6	4.8	297.1	339.5	14.7	85.0	0.3	342.
1.6	11.4	532.4	950.0	19.0	17.8	175.9	5.7	-0.4	5.7	296.8	332.2	13.6	92.3	0.5	348.
2.4	13.7	761.5	925.0	16.9	15.4	171.1	8.1	-1.1	8.0	296.6	328.7	12.2	92.5	0.9	350.
3.4	16.1	995.1	900.0	15.9	7.4	178.4	9.9	-0.3	9.9	297.9	347.7	7.3	58.5	1.4	350.
4.2	18.5	1236.4	875.0	19.6	-6.7	187.8	9.5	1.3	9.4	304.1	311.9	2.6	16.3	1.9	354.
5.2	21.0	1484.5	850.0	17.6	-13.1	187.0	9.3	1.1	9.2	300.6	309.6	1.6	11.1	2.4	358.
6.1	23.4	1738.7	825.0	16.4	-16.0	183.5	9.2	0.8	9.1	306.8	310.1	1.3	9.4	2.9	359.
7.2	25.9	1999.1	800.0	15.9	-30.8	181.3	9.7	0.1	9.7	308.1	308.7	0.2	1.3	3.4	359.
8.2	28.5	2263.5	775.0	17.6	-39.2	217.1	1.6	0.9	1.3	312.7	313.3	0.2	1.0	3.8	360.
9.2	31.1	2547.0	750.0	16.0	-40.1	270.5	2.5	2.5	-0.0	313.9	314.5	0.2	1.0	3.8	1.
10.2	33.8	2934.7	725.0	15.1	-40.6	287.6	3.2	3.0	-1.0	316.1	316.6	0.1	1.0	3.6	6.
11.3	36.4	3139.0	700.0	13.0	-42.0	297.5	3.7	3.3	-1.7	316.9	317.4	0.1	1.0	3.5	7.
12.5	39.2	3433.9	675.0	11.2	-43.1	287.3	5.1	4.9	-1.5	318.2	318.6	0.1	1.0	3.4	12.
13.6	41.9	3747.1	650.0	9.1	-44.4	273.9	5.7	5.7	-0.4	319.2	319.6	0.1	1.0	3.5	18.
14.8	44.8	4070.1	625.0	7.0	-45.6	280.1	4.1	4.0	-0.7	320.5	320.8	0.1	1.0	3.6	24.
16.2	47.7	4403.3	600.0	3.6	-47.7	283.3	3.3	3.2	-0.8	320.3	320.6	0.1	1.0	3.6	28.
17.6	50.6	4746.2	575.0	0.	-49.8	278.4	3.1	3.0	-0.4	320.3	320.5	0.1	1.0	3.7	32.
19.7	53.6	5100.1	550.0	-2.8	-51.7	276.8	2.9	2.9	-0.3	320.7	320.9	0.1	1.0	3.8	35.
20.1	56.8	5466.3	525.0	-6.0	-53.7	256.9	2.8	2.7	0.7	321.2	321.4	0.0	1.0	4.0	38.
21.6	59.8	5845.6	500.0	-9.3	-55.8	241.7	4.2	3.7	2.0	321.7	321.8	0.0	1.0	4.2	39.
22.8	63.0	6239.5	475.0	-12.1	-46.8	224.4	7.8	5.3	5.4	323.0	323.5	0.1	3.6	4.8	41.
24.4	66.4	6650.2	450.0	-10.1	-42.3	215.2	9.5	5.5	7.8	323.8	323.6	0.2	7.8	5.5	40.
25.1	69.9	7078.9	425.0	-20.3	-48.1	217.2	9.9	6.8	7.9	323.6	323.9	0.3	15.1	6.5	39.
26.1	73.4	7522.2	400.0	-24.6	-37.7	217.1	9.7	5.8	7.7	323.0	324.4	0.4	28.4	7.6	39.
30.9	77.1	7987.9	375.0	-28.9	-39.8	226.1	9.9	7.2	6.9	323.4	324.6	0.3	37.9	8.8	39.
31.8	81.0	8481.3	350.0	-30.3	-69.4	238.8	9.5	8.1	4.9	327.9	327.9	0.0	1.0	9.8	41.
33.7	85.0	9004.5	325.0	-34.1	-71.9	232.3	12.0	9.5	7.3	329.7	329.8	0.0	1.0	10.9	42.
35.6	89.0	9562.2	300.0	-38.5	-73.5	236.5	10.7	15.6	10.1	333.9	334.0	0.0	1.0	12.6	44.
37.7	93.5	10161.6	275.0	-39.9	99.9	244.4	19.6	17.7	8.5	337.4	999.9	99.9	999.9	15.0	47.
40.9	98.2	10805.4	250.0	-45.0	99.9	241.4	20.0	17.5	9.6	339.2	999.9	99.9	999.9	17.6	49.
42.2	103.0	11501.4	225.0	-50.2	99.9	240.1	21.0	18.2	10.5	341.6	999.9	99.9	999.9	20.2	51.
44.9	108.4	12263.4	200.0	-54.0	99.9	240.3	22.8	19.8	11.3	347.3	999.9	99.9	999.9	23.7	52.
47.7	114.0	13113.5	175.0	-56.7	99.9	242.7	25.3	22.5	11.6	356.	999.9	99.9	999.9	27.8	53.
50.9	120.3	14085.6	150.0	-59.8	99.9	247.5	29.3	23.4	9.7	367.1	999.9	99.9	999.9	32.6	55.
54.6	127.3	15216.7	125.0	-63.0	99.9	241.4	21.7	19.0	10.4	380.9	999.9	99.9	999.9	37.6	57.
59.0	135.0	16574.4	100.0	-66.8	99.9	239.3	18.8	15.4	10.7	400.2	999.9	99.9	999.9	43.3	57.
64.3	143.7	18306.2	75.0	-70.1	99.9	177.5	9.3	-0.4	9.3	425.9	999.9	99.9	999.9	48.8	56.
71.6	153.3	20705.2	50.0	-58.5	99.9	111.1	7.8	-6.9	2.5	505.7	999.9	99.9	999.9	48.8	52.
82.7	163.3	25243.0	25.0	-48.1	99.9	999.0	99.9	99.9	99.9	646.8	999.9	99.9	999.9	42.9	47.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 209
LAKE CHARLES, LOUISIANA

9 MAY 1979
1705 GMT

159 21. 0

TIME HR	CNTR'S	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.8	50.	1009.0	26.1	23.7	170.0	8.1	-0.7	8.0	299.4	339.8	15.8	72.0	0.0	0.
0.5	6.3	89.	1000.0	25.3	17.3	154.3	7.8	-3.4	7.1	299.1	331.2	12.5	62.3	0.2	338.
1.0	6.5	131.	975.0	22.5	16.8	165.3	7.3	-1.9	7.1	297.9	330.6	12.5	70.3	0.6	338.
2.0	8.3	220.	925.0	20.8	16.2	169.6	6.9	-1.4	6.7	299.3	332.4	12.9	78.2	1.1	344.
3.0	11.3	767.2	925.0	19.8	15.9	171.3	7.4	-1.1	7.3	298.1	330.9	12.4	85.6	1.6	345.
4.0	15.6	1032.3	900.0	19.6	13.6	178.4	8.8	-0.2	8.8	300.7	325.2	9.1	62.2	1.7	346.
4.7	17.1	1168.4	875.0	19.6	6.1	186.9	9.5	1.0	9.5	303.1	322.1	6.9	44.2	2.1	353.
5.5	7.5	1432.7	850.0	19.2	-5.9	197.3	8.8	1.1	8.7	305.2	314.1	3.0	19.8	2.6	358.
7.5	23.0	1787.3	825.0	17.4	-13.6	197.5	9.2	1.5	9.1	307.0	313.3	2..	13.9	3.1	355.
8.0	27.5	2.3741	800.0	15.3	-21.5	199.3	7.9	2.6	7.5	308.6	311.6	0.9	6.6	3.5	350.
9.0	34.1	2274.0	775.0	13.3	-31.3	192.5	5.1	1.1	5.0	312.4	313.0	0.2	1.1	3.9	340.
9.8	37.7	2555.3	750.0	15.4	-38.5	183.5	2.3	0.0	2.3	313.4	314.3	0.3	1.8	4.1	0.
10.0	37.7	2618.3	744.3	15.1	-43.3	242.1	1.0	1.0	-0.4	316.2	316.8	0.2	1.0	4.2	0.
11.5	39.9	3.3.6	700.0	13.9	-16.1	313.5	3.1	2.3	-2.0	317.9	322.8	1.6	11.1	4.1	1.
12.7	3.7	3.3.3	675.0	11.3	-17.3	249.1	5.3	5.0	-1.7	319.3	323.0	1.5	11.7	3.9	5.
13.0	41.6	3751.6	650.0	9.1	-21.6	292.6	5.4	5.3	-1.2	319.2	322.7	1.0	9.4	3.9	11.
14	44.2	4 .2.1	625.0	6.3	-23.4	277.3	3.9	3.9	-0.5	319.7	322.8	0.9	9.6	3.9	16.
15.1	47.1	4 .1..	600.0	3.8	-2...	2.7.7	2.5	2.5	0.6	1 3.1	322.6	0.7	8.1	4.0	19.
17.	5 .1	4 .. .7	575.0	3.6	-29.4	212.7	1.9	1.0	1.6	323.7	324.7	0.6	9.7	4.1	20.
17.9	51.1	5 .2.1	550.0	-3.1	-33.3	193.2	2.5	0.1	2.5	323.4	324.6	0.6	10.3	4.2	19.
18.7	5 .1	5 75.1	525.0	-6.4	-32.6	187.6	3.4	0.4	3.3	320.7	322.3	0.5	13.3	4.4	19.
19.3	54.3	5 5.1	500.0	-9.3	-34.4	193.4	5.7	1.9	5.3	321.7	323.1	0.4	10.5	4.8	19.
20.	6..5	5 4.5	475.0	-12.3	-33.3	213.1	8.3	4.5	7.3	322.8	324.4	0.5	14.5	5.4	19.
21.1	61.9	5 5.4	450.0	-15.9	-33.7	216.9	9.3	5.9	7.9	323.3	324.7	0.4	15.3	6.1	22.
21.9	6..6	7 .4.	425.0	-23.4	-35.3	239.6	10.7	5.2	9.3	322.8	324.0	0.3	19.3	6.9	23.
22.7	7..4	7 32.1	400.0	-26.6	-40.2	231.7	10.1	5.3	8.6	323.2	324.3	0.3	22.0	7.9	24.
23.1	76.5	7 4.6.	375.0	-27.3	-42.8	229.3	11.4	7.9	8.2	325.4	325.9	0.1	10.1	8.8	25.
23.9	8..9	8 33.2	350.0	-33.1	-52.7	32.6	11.7	9.2	7.1	328.2	328.5	0.1	8.8	9.9	28.
24.6	84.3	8 17.7	325.0	-33.1	-56.6	236.8	16.2	11.6	8.2	331.0	331.2	0.1	7.6	11.0	31.
25.3	84.8	8 77.1	300.0	-36.1	-58.9	238.2	19.2	16.3	10.1	334.5	334.7	0.0	7.4	12.6	34.
3 .2	92.8	9 17.4	275.0	-43.1	99.9	241.6	22.2	17.7	9.7	337.2	999.9	99.9	999.9	14.7	38.
27.3	97.6	9 31.6	250.0	-45.1	99.9	239.2	21.7	18.6	11.1	339.0	999.9	99.9	999.9	17.1	41.
28.5	102.2	9 95.1	225.0	-53.4	99.9	239.2	23.5	20.2	12.3	341.3	999.9	99.9	999.9	19.9	44.
29.8	107.6	10 27.6	200.0	-56.2	99.9	239.9	25.0	21.7	12.5	346.9	999.9	99.9	999.9	23.2	46.
30.6	113.3	10 77.7	175.0	-55.6	99.9	243.3	26.1	23.3	11.8	356.6	999.9	99.9	999.9	27.2	48.
31.3	11 .1	10 30.1	150.0	-57.5	99.9	245.6	25.1	22.9	10.4	3 7.6	999.9	99.9	999.9	31.5	51.
32.5	129.0	11 36.3	125.0	-63.0	99.9	237.3	20.2	17.0	10.9	380.9	999.9	99.9	999.9	35.5	52.
36.2	133.3	11 56.7	100.0	-67.1	99.9	229.0	16.4	12.2	11.0	398.1	999.9	99.9	999.9	40.2	53.
39.7	141.7	12 23.6	75.0	-69.4	99.9	173.4	10.8	-0.1	10.8	427.4	999.9	99.9	999.9	43.8	51.
45.5	151.3	13 19.6	50.0	-59.6	99.9	136.7	7.8	-7.5	2.2	503.2	999.9	99.9	999.9	43.4	47.
76.1	161.3	14 18.6	25.0	-65.4	99.9	999.9	99.9	99.9	99.9	654.5	999.9	99.9	999.9	999.9	999.

* RY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* RT TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
LAKE CHARLES, LOUISIANA

9 MAY 1979
2005 GMT

662 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.0	5.3	1008.3	28.3	21.6	160.0	4.1	-1.4	3.9	300.7	344.0	16.3	67.0	0.0	0.
0.3	6.7	78.5	1000.0	28.7	19.4	999.9	99.9	99.9	99.9	299.9	338.0	14.4	64.0	999.9	999.
1.3	9.0	301.4	975.0	23.9	17.2	999.9	99.9	99.9	99.9	299.2	333.2	12.8	66.1	999.9	999.
2.3	11.3	528.6	950.0	22.5	17.0	149.7	6.8	-3.6	5.9	300.0	334.4	1..9	71.1	1.8	335.
3.2	13.6	760.4	925.0	20.3	15.4	155.7	6.8	-2.7	6.0	300.0	332.8	12.0	73.8	1.1	334.
3.9	16.0	996.7	900.0	19.3	10.0	165.6	7.4	-1.8	7.1	301.4	324.9	8.6	84.7	1.7	335.
4.8	18.4	1239.1	875.0	19.0	2.8	176.9	7.1	-0.4	7.1	303.6	318.7	5.4	34.8	2.1	338.
5.7	20.8	1487.5	850.0	18.6	-5.3	180.7	7.1	0.1	7.1	305.6	314.7	3.1	19.7	2.4	342.
6.7	23.3	1743.0	825.0	17.9	-3.4	187.1	8.1	1.0	8.1	307.5	319.7	4.2	27.1	2.8	344.
7.5	25.7	2005.9	800.0	17.6	-3.4	205.8	10.1	4.4	9.1	309.9	321.3	3.9	24.6	3.3	350.
8.7	28.3	2276.3	775.0	16.8	-19.3	202.0	9.1	3.4	8.4	311.9	315.7	1.2	7.8	3.8	356.
9.7	30.8	2554.9	750.0	16.5	-30.6	191.7	7.6	1.5	7.3	314.5	315.8	0.4	2.5	4.3	358.
10.8	33.4	2841.5	725.0	14.5	-41.1	176.3	3.9	-0.3	3.9	315.3	315.9	0.1	1.8	4.7	359.
11.9	36.1	3137.1	700.0	13.5	-14.3	235.3	1.4	1.2	0.8	317.5	323.2	1.8	13.0	4.8	359.
13.0	38.8	3441.2	675.0	10.8	-19.0	264.6	3.6	3.6	0.3	317.8	321.9	1.3	10.5	4.8	1.
14.2	41.6	3754.3	650.0	8.8	-22.5	257.1	3.0	2.9	0.7	319.0	322.2	1.0	8.8	4.8	4.
15.5	44.4	4077.1	625.0	6.3	-23.7	207.0	2.5	1.1	2.2	319.7	322.7	0.9	9.4	4.9	6.
16.7	47.2	4409.7	600.0	3.4	-29.1	180.2	5.0	0.0	5.0	320.1	322.1	0.6	7.0	5.2	5.
17.9	50.7	4752.9	575.0	0.5	-30.8	186.4	6.6	0.7	6.6	320.6	322.4	0.5	7.4	5.6	5.
19.2	53.1	5107.3	550.0	-2.7	-32.7	189.6	7.6	1.3	7.5	320.9	322.4	0.4	7.8	6.2	6.
20.6	56.3	5473.9	525.0	-5.6	-34.4	197.2	7.6	2.3	7.3	321.7	323.1	0.4	8.1	6.8	8.
21.9	59.4	5853.9	500.0	-8.9	-35.2	205.4	9.4	4.0	8.5	322.2	323.5	0.4	9.7	7.4	8.
23.4	62.6	6248.5	475.0	-12.3	-34.9	208.6	10.3	4.9	9.0	322.7	324.2	0.4	13.2	8.2	10.
24.9	65.9	6658.1	450.0	-16.2	-37.7	211.5	11.7	6.1	10.0	322.9	324.1	0.3	13.6	9.2	12.
26.4	69.3	7085.1	425.0	-20.3	-38.5	212.6	12.3	6.6	10.3	322.9	324.1	0.3	17.8	10.2	14.
27.9	72.9	7530.0	400.0	-25.1	-40.3	217.6	13.0	7.9	10.3	322.4	323.5	0.3	22.5	11.3	16.
29.5	76.4	7997.9	375.0	-26.9	-49.5	233.0	13.9	11.1	8.4	326.0	326.5	0.1	9.7	12.4	19.
31.3	80.3	8493.5	350.0	-29.7	-52.8	237.9	14.4	12.2	7.7	328.8	329.1	0.1	8.4	13.8	23.
33.1	84.2	9018.4	325.0	-32.7	-56.2	238.8	19.4	16.6	10.0	331.7	331.9	0.1	7.4	15.1	26.
34.1	88.3	9577.9	300.0	-36.5	-57.9	245.1	20.7	18.8	8.7	333.9	334.1	0.0	8.7	17.2	32.
37.3	92.8	10176.2	275.0	-40.5	99.9	245.8	20.9	19.0	8.6	336.6	999.9	99.9	999.9	19.5	36.
39.5	97.4	10818.7	250.0	-45.6	99.9	246.3	21.9	20.0	8.8	338.2	999.9	99.9	999.9	22.1	40.
41.9	102.7	11512.9	225.0	-50.7	99.9	245.5	21.9	19.9	9.1	340.9	999.9	99.9	999.9	24.8	43.
44.6	107.5	12276.1	200.0	-53.6	99.9	245.7	26.3	24.0	10.8	347.9	999.9	99.9	999.9	28.5	46.
47.8	113.3	13127.2	175.0	-56.6	99.9	244.8	28.1	25.6	11.1	356..	999.9	99.9	999.9	33.3	49.
51.0	119.3	14100.0	150.0	-59.6	99.9	247.0	25.6	23.6	10.8	367.5	999.9	99.9	999.9	38.4	51.
55.0	126.3	15235.6	125.0	-62.8	99.9	241.2	20.8	17.6	9.6	381.3	999.9	99.9	999.9	43.3	53.
59.7	134.0	16598.5	100.0	-66.7	99.9	228.1	16.9	12.5	11.3	398.9	999.9	99.9	999.9	49.1	53.
65.4	143.0	18315.8	75.0	-69.5	99.9	191.0	11.8	2.1	10.8	427.1	999.9	99.9	999.9	53.1	51.
73.1	153.0	20809.3	50.0	-59.9	99.9	116.2	7.2	-6.4	3.2	502.3	999.9	99.9	999.9	53.7	48.
84.9	163.5	25283.0	25.0	-47.0	99.9	63.1	10.5	-9.3	-4.7	649.8	999.9	99.9	999.9	49.4	45.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
LAKE CHARLES, LOUISIANA

9 MAY 1972
2300 GMT

162 17. 0

TIME MIN	CHIRP	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
.0	5.6	5.3	1326.9	27.8	21.8	180.0	5.7	-3.7	4.4	300.4	344.2	16.6	73.0	0.0	0.
.1	6.1	55.2	1323.0	27.2	23.5	190.9	7.7	-4.9	6.3	299.4	343.0	15.4	75.7	0.4	317.
.4	6.5	249.	1297.0	23.7	19.1	194.5	7.3	-4.7	5.5	299.0	337.1	14.4	75.4	0.8	318.
.7	13.8	516.3	1270.0	22.1	14.2	195.6	7.1	-5.9	5.1	299.8	333.9	14.9	83.7	0.9	319.
.5	13.3	787.4	1243.0	19.7	17.9	197.6	7.6	-5.1	5.6	299.4	335.7	14.1	89.3	1.3	317.
1.6	15.7	1064.6	1215.0	19.1	12.6	193.1	7.3	-3.6	6.3	301.2	329.1	10.3	66.3	1.7	319.
2.2	17.3	1344.4	1187.0	17.4	6.7	194.1	6.6	-1.8	6.4	304.3	321.3	6.2	39.9	2.0	321.
2.9	2.8	1627.6	1159.0	17.7	12.6	191.1	7.3	0.1	7.3	306.7	335.7	11.4	75.4	2.3	327.
3.1	18.3	1913.6	1131.0	15.6	11.7	194.8	7.5	1.9	7.2	305.1	334.4	10.7	79.1	2.7	332.
3.	17.7	2202.3	1103.0	14.4	6.1	204.3	6.9	5.2	4.5	308.7	327.9	6.4	63.6	2.9	339.
4.3	2.5	2494.5	1075.0	12.4	-4.9	216.1	7.9	6.6	4.4	311.5	321.9	3.5	23.2	3.0	347.
4.	1.1	2789.5	1047.0	11.4	-13.1	223.1	7.7	5.3	5.6	313.2	319.5	2.0	14.1	3.3	355.
5.	1.4	3087.4	1019.0	10.8	-23.5	230.5	5.8	2.3	6.3	315.3	318.6	1.0	7.3	3.8	369.
.3	1.7	3388.2	991.0	13.4	-12.2	214.1	3.4	2.2	2.7	317.3	324.1	2.2	15.7	3.9	1.
.8	1.8	3691.3	963.0	12.5	-12.7	209.4	3.4	3.1	1.2	317.4	324.3	2.1	17.9	4.3	4.
5.3	0.3	3997.1	935.0	9.6	-17.3	235.8	3.5	2.9	2.1	318.4	323.1	1.5	13.7	4.1	7.
5.5	0.7	4305.1	907.0	9.1	-22.7	233.4	3.2	1.3	2.4	319.5	323.5	1.2	13.3	4.3	8.
5.	0.7	4615.9	879.0	8.4	-24.5	195.5	4.1	3.5	4.3	320.3	323.3	0.9	13.9	4.5	9.
5.	0.7	4929.5	851.0	7.8	-31.6	179.4	7.2	-0.8	7.1	323.8	322.5	0.5	9.9	4.9	8.
6.	1.1	5246.1	823.0	-2.3	-31.3	176.3	9.5	-1.3	9.5	321.4	323.2	0.5	9.8	5.5	6.
6.	1.5	5565.7	795.0	-5.5	-32.6	192.3	9.1	2.3	9.1	321.7	323.3	0.5	9.7	6.3	5.
6.	1.7	5888.4	767.0	-8.5	-33.6	208.4	8.4	3.5	8.1	322.7	324.7	0.6	14.8	7.0	5.
6.	2.3	6214.3	739.0	-12.1	-33.6	225.2	10.8	7.6	7.6	322.9	325.1	0.6	17.8	7.7	8.
6.	2.8	6543.3	711.0	-15.1	-31.1	228.3	13.4	10.2	8.9	323.0	325.2	0.6	24.1	8.5	13.
7.	3.2	6875.6	683.0	-19.3	-33.3	227.5	15.2	11.1	10.1	322.8	325.3	0.7	40.1	9.5	17.
7.	3.7	7211.3	655.0	-23.8	-33.2	232.3	16.2	10.9	9.1	322.9	324.8	0.6	45.1	10.7	21.
7.	3.6	7550.1	627.0	-27.1	-31.3	236.4	14.8	12.4	8.1	325.7	326.3	0.1	8.3	11.9	25.
7.	4.3	7892.3	599.0	-28.5	-32.9	245.2	15.4	14.4	6.7	333.3	333.5	0.0	4.3	13.6	29.
7.	5.3	8237.7	571.0	-32.7	-32.1	248.5	17.5	16.3	6.4	331.6	331.7	0.0	5.3	14.9	34.
8.0	5.6	8586.3	543.0	-36.5	-32.7	253.7	19.1	17.9	6.7	334.3	334.4	0.0	6.9	17.0	39.
8.7	6.3	8938.0	515.0	-40.4	99.9	251.0	20.9	19.8	6.9	336.1	999.9	99.9	999.9	19.6	43.
8.7	99.7	9292.9	487.0	-46.1	99.9	250.4	21.6	20.8	5.8	337.5	999.9	99.9	999.9	22.1	47.
81.5	104.5	9651.4	459.0	-52.9	99.9	255.3	19.8	19.1	5.1	340.7	999.9	99.9	999.9	24.6	50.
84.1	104.3	10013.4	431.0	-57.5	99.9	261.9	22.6	21.4	7.3	348.1	999.9	99.9	999.9	27.9	53.
87.5	113.5	10378.4	403.0	-56.6	99.9	253.2	24.2	22.8	8.2	356.5	999.9	99.9	999.9	32.5	56.
91.1	121.5	10747.4	375.0	-57.0	99.9	252.8	25.4	24.7	7.6	368.6	999.9	99.9	999.9	37.7	58.
95.3	124.3	11119.1	347.0	-53.8	99.9	245.6	21.3	19.4	8.8	380.2	999.9	99.9	999.9	43.6	60.
99.3	139.2	11496.1	319.0	-56.6	99.9	222.1	15.8	10.6	11.7	389.1	999.9	99.9	999.9	49.2	59.
94.2	144.3	11891.5	291.0	-59.3	99.9	199.7	10.4	3.3	9.8	427.6	999.9	99.9	999.9	53.2	57.
76.2	153.3	12295.1	263.0	-61.9	99.9	139.9	6.8	-6.5	2.2	497.9	999.9	99.9	999.9	56.1	55.
87.1	161.3	12739.3	25.0	-69.6	99.9	85.6	8.6	-8.6	-0.7	645.0	999.9	99.9	999.9	49.2	52.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
# BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA

18 MAY 1979
2015 GMT

167 13. 0

TIME MIN	CNTL F	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.6	5.0	1007.6	25.0	21.7	120.0	5.1	-4.4	2.5	297.5	340.3	16.5	82.0	0.0	0.
0.2	6.4	71.7	1000.0	23.9	22.0	122.3	10.7	-9.1	5.7	297.0	341.0	16.9	89.3	0.3	348.
1.0	8.6	293.9	975.0	22.9	21.6	125.9	10.3	-8.3	6.0	298.2	342.4	16.9	92.0	0.6	302.
1.8	11.0	520.5	950.0	21.3	20.0	130.6	8.9	-6.1	6.4	298.8	342.2	15.8	92.0	1.1	306.
2.7	13.5	752.1	925.0	21.4	7.6	140.4	8.6	-6.5	7.3	301.2	322.9	8.0	68.4	1.5	311.
3.7	15.9	990.6	900.0	21.9	15.0	161.7	6.9	-2.1	6.5	304.1	330.7	12.0	84.9	1.9	316.
4.6	18.4	1234.7	875.0	19.2	16.5	177.0	8.2	-8.4	8.2	303.8	338.6	13.7	84.2	2.3	322.
5.5	20.9	1483.9	850.0	17.3	15.5	187.0	8.5	8.1	8.4	304.2	342.0	13.2	89.5	2.7	328.
6.5	23.4	1738.9	825.0	15.2	14.0	196.3	7.8	1.4	7.7	304.7	338.2	12.3	92.8	3.0	335.
7.4	26.0	2000.3	800.0	16.8	8.4	198.4	5.8	1.8	5.5	309.1	333.7	8.7	57.5	3.3	338.
8.4	28.6	2270.6	775.0	17.5	-33.5	210.8	6.1	3.1	5.3	312.6	313.7	0.3	2.0	3.6	343.
9.5	31.2	2549.5	750.0	16.3	-39.9	206.8	5.9	2.8	5.3	314.3	314.9	0.2	1.8	3.9	347.
10.7	33.9	2838.4	725.0	15.3	-25.6	197.2	5.0	1.1	3.6	316.2	318.4	0.7	4.4	4.1	350.
11.8	36.7	3131.7	700.0	13.2	-39.8	210.7	3.6	2.1	2.8	317.1	317.7	0.2	1.5	4.3	352.
12.8	39.4	3435.8	675.0	11.2	-43.1	229.6	3.9	3.0	2.5	318.1	318.6	0.1	1.0	4.5	354.
14.0	42.2	3748.7	650.0	8.8	-39.5	238.2	3.7	3.0	2.5	318.9	319.6	0.2	1.7	4.6	357.
15.1	45.0	4071.0	625.0	5.0	-46.1	284.6	3.6	2.1	3.0	319.2	319.5	0.1	1.0	4.8	359.
16.3	47.9	4402.3	600.0	3.2	-40.9	195.4	4.7	1.3	4.5	319.9	320.2	0.1	1.0	5.0	306.
17.5	51.0	4749.2	575.0	0.2	-49.0	190.4	7.9	1.6	7.8	320.2	320.9	0.1	1.0	5.5	8.
19.1	54.0	5099.7	550.0	-2.3	-40.9	187.9	10.1	1.6	10.0	321.3	321.7	0.1	1.4	5.3	2.
20.6	57.1	5466.6	525.0	-5.3	-42.0	201.2	9.2	3.0	8.5	323.0	322.7	0.2	2.0	7.1	3.
21.7	60.3	5847.9	500.0	-8.0	-30.4	218.2	6.8	3.8	5.9	322.0	323.0	0.3	0.9	7.7	9.
23.9	63.6	6242.0	475.0	-12.3	-35.0	228.6	10.3	7.8	8.0	322.7	324.1	0.4	12.3	8.0	9.
24.0	67.0	6651.8	450.0	-15.0	-34.8	232.8	12.7	10.0	7.9	322.5	324.2	0.8	28.1	9.2	14.
26.5	70.6	7076.8	425.0	-20.5	-32.7	238.7	13.9	10.1	9.6	322.7	324.1	0.6	33.0	10.3	10.
28.2	74.0	7523.0	400.0	-24.0	-38.6	250.2	15.8	12.0	7.9	322.7	326.9	0.7	21.1	11.6	22.
30.2	77.7	7991.1	375.0	-28.7	-37.9	251.6	15.8	13.0	6.2	320.3	326.3	0.9	1.8	13.0	28.
32.9	81.6	8487.1	350.0	-28.6	-60.2	266.3	14.3	13.3	1.4	330.2	330.3	0.0	1.0	14.2	34.
34.7	85.9	9016.7	325.0	-31.0	-60.5	270.1	13.0	12.9	1.0	332.0	332.0	0.0	1.0	15.5	41.
37.1	89.7	9579.3	300.0	-36.3	-13.6	284.3	14.0	13.6	3.4	340.8	334.2	0.0	1.0	17.1	46.
39.0	94.2	10172.5	275.0	-41.8	99.9	288.3	17.0	17.0	0.6	339.0	999.9	99.9	999.9	19.3	49.
42.5	98.6	10812.0	250.0	-46.3	99.9	288.3	17.0	17.0	2.0	337.2	999.9	99.9	999.9	21.7	53.
45.5	103.7	11505.9	225.0	-50.8	99.9	288.3	17.0	17.0	0.2	340.7	999.9	99.9	999.9	24.7	56.
48.0	108.8	12255.0	200.0	-54.1	99.9	291.5	21.7	21.2	4.7	347.2	999.9	99.9	999.9	28.2	58.
52.0	114.9	13110.0	175.0	-55.7	99.9	292.3	23.2	22.6	6.1	356.0	999.9	99.9	999.9	33.3	62.
56.8	120.8	14092.3	150.0	-58.0	99.9	292.7	23.9	22.3	7.9	360.1	999.9	99.9	999.9	38.8	63.
61.8	127.9	15227.5	125.0	-63.8	99.9	291.9	10.2	10.9	0.1	360.0	999.9	99.9	999.9	45.0	64.
67.0	135.3	16503.1	100.0	-66.5	99.9	285.0	11.7	11.3	10.9	399.1	999.9	99.9	999.9	50.9	63.
73.4	144.0	18290.2	75.0	-60.9	99.9	191.5	0.7	0.7	0.5	430.9	999.9	99.9	999.9	55.3	61.
83.1	154.5	20784.9	50.0	-61.6	99.9	104.0	0.7	-0.6	0.1	400.3	999.9	99.9	999.9	52.9	58.
98.2	165.5	25250.2	25.0	-47.8	99.9	999.9	99.9	99.9	99.9	647.5	999.9	99.9	999.9	46.7	54.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 240
LAKE CHARLES, LOUISIANA

10 MAY 1979
535 GMT

240 72. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.4	54.3	1004.6	23.9	22.2	143.9	4.6	-3.0	3.5	296.3	343.2	16.9	90.8	0.0	0.
0.3	6.2	85.3	1003.9	23.8	22.5	136.4	13.5	-9.3	9.8	296.9	343.3	17.8	94.2	0.2	317.
1.1	8.5	302.2	975.0	22.0	21.3	132.1	13.6	-8.9	10.3	297.3	339.8	16.3	93.9	0.7	317.
1.9	10.8	521.3	950.0	21.9	19.9	143.1	14.2	-8.5	11.3	298.5	337.8	15.7	91.9	1.4	319.
2.8	13.3	744.2	925.0	19.3	16.3	150.7	12.2	-6.0	10.7	298.1	333.0	12.8	83.6	2.1	321.
3.6	15.6	966.5	900.0	21.2	15.9	165.5	9.9	-2.5	9.6	303.3	337.7	12.7	71.6	2.8	324.
4.5	17.1	1140.5	879.0	19.3	17.3	176.4	9.4	-0.1	9.4	303.9	342.5	14.4	88.9	3.1	329.
5.5	2 .5	1 [illegible]	[illegible]	17.2	16.1	182.3	9.6	0.6	9.6	304.1	341.1	13.7	93.2	3.6	336.
6.5	23.0	1745.0	825.0	15.2	14.0	196.1	8.9	0.9	8.8	304.7	339.1	12.7	92.1	4.0	338.
7.5	2 .9	1 [illegible]	800.0	16.4	-15.3	202.2	8.4	3.2	7.8	304.6	320.8	4.3	33.6	4.5	342.
8.5	2 .1	2 [illegible]	775.0	18.5	-38.6	206.9	8.6	3.6	7.8	313.7	314.3	0.2	1.0	4.9	346.
9.4	3 .7	2 [illegible]	750.0	17.3	-39.3	185.7	7.2	1.9	6.9	315.4	316.0	0.2	1.0	5.3	349.
10.7	35.3	2184.3	725.0	15.1	-43.7	202.1	5.5	2.1	5.1	316.0	316.5	0.1	1.0	5.7	351.
11.8	37.2	2 [illegible]	700.0	12.8	-42.1	213.2	6.2	3.4	5.2	316.7	317.2	0.1	1.0	6.0	353.
12.4	38.8	2 [illegible]	675.0	10.7	-43.4	209.6	5.4	2.6	4.7	317.6	318.1	0.1	1.0	6.3	356.
13.1	41.6	2 [illegible]	650.0	9.3	-44.2	199.6	4.5	0.7	4.5	318.3	318.7	0.1	1.0	6.6	357.
13.2	44.3	2 [illegible]	625.0	5.7	-46.4	192.2	5.3	0.2	5.3	319.0	319.4	0.1	1.0	6.9	357.
14.5	47.1	2 [illegible]	600.0	3.5	-47.9	189.7	8.0	2.5	7.5	320.1	320.5	0.1	1.0	7.6	358.
15.3	5 .8	2 [illegible]	575.0	1.1	-49.3	210.3	9.6	4.8	8.3	321.3	321.6	0.1	1.0	8.0	0.
15.2	51.3	2 [illegible]	550.0	-2.2	-51.6	220.4	10.4	6.8	7.9	321.4	321.7	0.1	1.0	8.7	3.
15.7	54.3	2 [illegible]	525.0	-5.6	-53.6	226.4	10.7	7.7	7.4	321.8	321.9	0.0	1.0	9.4	7.
16.1	5 .4	2 [illegible]	500.0	-9.2	-55.7	228.6	10.5	7.9	6.9	321.8	322.0	0.0	1.0	10.1	10.
16.5	60.7	2 [illegible]	475.0	-12.9	-51.2	221.3	13.0	7.3	8.3	322.0	322.3	0.1	2.6	10.8	13.
20.4	64.0	2 [illegible]	450.0	-17.0	-37.8	216.4	11.7	7.0	9.4	321.9	323.0	0.3	14.5	11.7	15.
23.3	64.4	2 [illegible]	425.0	-20.7	-32.9	224.8	11.7	8.2	8.3	322.4	324.4	0.6	32.7	12.7	17.
24.1	73.1	2 [illegible]	400.0	-23.2	-64.7	253.5	12.7	12.1	3.6	324.8	326.9	0.3	1.0	13.7	20.
25.3	77.7	2 [illegible]	375.0	-25.1	-66.3	249.5	11.1	10.9	-2.0	328.6	328.6	0.0	1.0	14.6	28.
19.5	8 .4	2 [illegible]	350.0	-23.2	-68.6	283.9	10.0	9.7	-2.4	329.4	329.5	0.0	1.0	14.9	36.
17.7	84.5	2 [illegible]	325.0	-32.9	-71.1	273.0	10.6	10.6	-0.6	331.3	331.4	0.0	1.0	15.7	40.
15.5	87.6	2 [illegible]	300.0	-37.1	-73.3	263.0	11.5	11.4	1.4	333.0	333.1	0.0	1.0	17.0	45.
42.7	93.0	2 [illegible]	275.0	-41.9	99.9	257.4	15.3	14.9	3.3	334.6	999.9	99.9	999.9	19.1	49.
44.2	97.6	2 [illegible]	250.0	-45.7	99.9	260.2	17.9	17.6	3.1	338.1	999.9	99.9	999.9	22.2	53.
44.3	102.4	2 [illegible]	225.0	-50.2	99.9	259.4	19.5	19.2	3.6	342.7	999.9	99.9	999.9	26.0	58.
51.3	107.9	2 [illegible]	200.0	-56.8	99.9	257.2	20.5	20.0	4.5	346.1	999.9	99.9	999.9	30.5	61.
54.3	113.5	3311.5	175.0	-57.6	99.9	251.1	22.8	21.6	7.4	355.2	999.9	99.9	999.9	36.2	63.
57.4	119.5	3 [illegible]	150.0	-59.5	99.9	252.3	26.1	24.8	8.1	367.6	999.9	99.9	999.9	44.0	66.
59.5	126.3	3 [illegible]	125.0	-56.1	99.9	242.6	21.8	19.3	10.0	379.0	999.9	99.9	999.9	52.1	65.
	134.3	3 [illegible]	100.0	-66.4	99.9	232.9	16.8	13.4	10.1	395.5	999.9	99.9	999.9	60.2	66.
	142.7	18284.5	75.0	-67.2	99.9	999.9	99.9	99.9	99.9	432.1	999.9	99.9	999.9	999.9	999.
	94.2	99.9	53.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
9 .	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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STATION NO. 240
LAKE CHARLES, LOUISIANA

10 MAY 1979
805 GMT

161 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.7	5.0	1008.0	25.0	22.9	150.0	7.2	-3.6	6.2	297.5	343.5	17.7	88.0	0.0	0.
0.3	7.5	75.1	1000.0	23.4	22.5	999.9	99.9	99.9	99.9	296.5	341.7	17.4	94.7	999.9	999.
1.1	9.8	296.7	975.0	22.2	21.2	999.9	99.9	99.9	99.9	297.5	340.6	16.6	94.5	999.9	999.
2.0	12.1	523.0	950.0	20.9	19.8	999.9	99.9	99.9	99.9	298.4	339.8	15.5	93.7	1.7	328.
2.9	14.5	755.3	925.0	22.4	15.4	168.6	13.4	-2.7	13.1	302.3	334.7	12.1	64.8	2.5	338.
3.9	17.0	993.9	900.0	21.2	13.9	179.4	13.9	-0.1	13.9	303.4	333.8	11.2	62.9	3.1	337.
4.9	19.4	1237.7	875.0	19.5	14.1	181.7	13.6	0.4	13.6	304.1	335.9	11.7	71.8	3.9	341.
5.8	21.8	1487.0	850.0	17.2	14.8	181.8	12.5	0.2	12.5	304.1	338.3	12.8	86.2	4.6	345.
6.8	24.3	1742.0	825.0	15.3	14.2	186.4	10.0	1.1	10.0	304.8	338.7	12.5	93.8	5.3	347.
7.9	26.9	2003.0	800.0	13.4	12.4	199.8	9.8	3.3	9.2	305.4	336.8	11.5	93.9	5.8	349.
8.9	29.4	2271.1	775.0	18.3	-38.7	218.4	11.0	8.6	9.5	313.5	314.2	0.2	1.8	6.3	353.
10.0	32.1	2550.5	750.0	17.3	-39.4	213.4	8.7	4.8	7.3	315.3	315.9	0.2	1.8	6.9	357.
11.2	34.7	2837.9	725.9	15.8	-40.7	219.7	8.8	5.1	6.2	315.9	316.5	0.1	1.8	7.3	359.
12.3	37.4	3132.9	700.0	12.8	-42.1	230.3	7.8	5.9	4.9	316.7	317.2	0.1	1.8	7.7	2.
13.5	40.1	3436.0	675.0	10.0	-43.8	227.9	6.1	4.5	4.1	316.8	317.3	0.1	1.8	8.0	5.
14.8	42.9	3747.3	650.0	6.8	-45.7	206.0	5.6	2.4	4.9	316.7	317.0	0.1	1.8	8.4	6.
16.2	45.9	4067.2	625.0	4.6	-47.1	201.5	6.5	2.4	6.0	317.7	318.0	0.1	1.8	8.8	7.
17.5	48.7	4398.8	600.0	2.3	-48.5	216.2	9.4	5.6	7.6	318.9	319.1	0.1	1.8	9.4	8.
18.9	51.7	4743.6	575.0	-0.3	-50.1	232.5	10.7	8.5	6.5	319.7	319.9	0.1	1.8	10.1	11.
20.1	54.6	5094.0	550.0	-3.3	-52.0	242.5	8.8	7.8	4.1	320.2	320.4	0.1	1.8	10.6	14.
21.5	57.8	5459.5	525.0	-6.6	-54.1	235.7	8.8	6.6	4.8	320.5	320.7	0.0	1.8	11.1	17.
22.8	60.9	5833.0	500.0	-9.9	-56.2	229.4	8.6	6.5	5.6	320.9	321.1	0.0	1.8	11.6	19.
24.1	64.1	6230.7	475.0	-13.5	-57.4	224.5	9.2	6.4	6.6	321.2	321.3	0.0	1.8	12.3	20.
25.5	67.4	6638.1	450.0	-18.0	-48.3	218.7	8.0	5.0	6.2	320.6	321.5	0.2	12.3	12.9	21.
27.1	71.0	7061.8	425.0	-22.2	-35.7	224.0	8.9	6.2	6.4	320.5	322.0	0.4	27.8	13.7	22.
29.8	74.5	7507.0	400.0	-23.1	-64.7	253.9	9.0	8.7	2.5	324.9	325.0	0.0	1.8	14.5	25.
30.7	78.2	7977.5	375.0	-25.5	-66.2	277.7	6.7	6.6	-0.9	327.9	328.0	0.0	1.8	14.9	28.
32.9	82.0	8473.6	350.0	-29.9	-69.1	276.8	9.2	9.2	-0.6	328.5	328.5	0.0	1.8	15.1	30.
35.0	86.0	8996.1	325.0	-33.6	-71.5	271.8	6.5	6.5	-0.2	330.4	330.5	0.0	1.8	15.5	33.
37.0	90.2	9555.1	300.0	-37.8	-74.3	274.3	8.0	8.0	-0.6	332.1	332.1	0.0	1.8	15.9	35.
39.1	94.5	10162.2	275.0	-42.4	99.9	260.7	13.3	13.2	2.2	333.8	999.9	99.9	999.9	16.8	39.
41.5	99.2	10787.9	250.0	-46.3	99.9	262.7	16.0	15.9	2.0	337.2	999.9	99.9	999.9	18.4	43.
43.8	104.0	11479.9	225.0	-51.1	99.9	260.3	14.8	14.6	2.5	340.2	999.9	99.9	999.9	20.1	47.
46.5	109.3	12239.3	200.0	-56.4	99.9	252.8	21.5	20.5	6.3	346.6	999.9	99.9	999.9	22.7	51.
49.7	115.0	13090.2	175.0	-56.6	99.9	258.5	24.8	24.3	5.0	356.4	999.9	99.9	999.9	26.7	54.
53.0	121.3	14060.6	150.0	-59.5	99.9	260.3	27.2	26.8	4.6	367.5	999.9	99.9	999.9	31.6	58.
57.0	128.3	15190.0	125.0	-64.6	99.9	269.3	22.6	21.1	8.0	378.8	999.9	99.9	999.9	37.2	62.
61.4	136.0	16533.9	100.0	-69.2	99.9	233.8	18.0	14.5	10.6	394.1	999.9	99.9	999.9	42.7	62.
67.4	144.7	18244.7	75.0	-69.7	99.9	186.5	9.8	1.1	9.8	426.9	999.9	99.9	999.9	46.9	68.
75.8	154.8	20695.4	50.0	-61.9	99.9	113.4	8.2	-7.5	3.3	497.7	999.9	99.9	999.9	46.4	85.
90.1	163.7	25177.2	25.0	-48.7	99.9	50.4	6.7	-5.8	-3.4	643.0	999.9	99.9	999.9	40.1	82.

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STATION NO. 240
LAKE CHARLES, LOUISIANA

10 MAY 1979
1100 GMT

163 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.2	50.0	1018.3	24.4	22.9	150.0	6.7	-3.4	5.8	296.9	342.7	17.7	91.0	0.0	0.
0.3	5.9	79.0	1010.0	25.0	24.3	159.5	11.0	-4.0	10.2	298.2	345.1	19.2	94.3	0.3	333.
1.0	6.3	120.0	975.0	23.1	22.5	134.2	13.2	-4.9	12.3	298.4	345.1	17.9	96.4	0.7	336.
1.8	14.5	529.1	950.0	21.7	21.2	160.6	16.0	-5.3	15.1	299.2	343.7	17.0	97.0	1.4	336.
2.7	13.3	754.9	925.0	22.8	14.8	169.8	15.5	-2.8	15.3	302.6	333.8	11.5	60.7	2.3	339.
3.7	15.5	990.0	900.0	21.7	16.2	172.0	14.5	-2.0	14.3	303.9	334.3	13.1	71.0	3.2	343.
4.6	17.9	1243.1	875.0	19.9	16.2	182.5	13.6	0.6	13.6	304.5	340.7	13.4	79.1	3.9	345.
5.5	23.6	1493.4	850.0	18.7	13.0	188.5	11.6	1.7	11.5	305.8	336.5	11.2	69.3	4.6	349.
6.6	22.3	1764.4	825.0	16.2	14.4	190.5	11.4	2.1	11.2	305.7	340.3	12.6	89.1	5.3	351.
7.5	23.4	2011.7	800.0	14.1	12.9	202.2	10.9	4.1	10.1	306.2	339.4	11.7	91.9	5.9	354.
8.5	25.0	2274.4	775.0	16.5	-14.7	208.0	10.7	5.0	9.5	309.4	314.3	1.6	11.9	6.4	357.
9.5	32.7	2545.5	750.0	17.5	-39.2	212.6	9.6	5.2	8.1	315.6	316.2	0.2	1.0	6.9	360.
10.5	33.1	2805.3	725.0	15.7	-40.3	214.8	8.0	5.1	6.1	316.7	317.3	0.2	1.0	7.4	2.
11.5	34.3	3062.1	700.0	13.5	-41.7	225.6	6.3	4.5	4.4	317.4	317.9	0.1	1.0	7.7	4.
12.7	33.4	3325.1	675.0	11.9	-43.2	218.6	5.3	3.3	4.2	318.0	318.4	0.1	1.0	8.0	6.
13.7	41.5	3584.4	650.0	7.9	-45.1	215.7	5.6	3.3	4.6	317.9	318.2	0.1	1.0	8.3	7.
14.8	44.4	3850.2	625.0	5.3	-46.7	222.7	6.0	4.1	4.4	318.5	318.8	0.1	1.0	8.6	8.
15.9	47.1	4118.4	600.0	2.4	-48.5	235.5	8.1	6.7	4.6	318.9	319.2	0.1	1.0	9.0	10.
17.1	50.3	4392.4	575.0	-1.9	-50.5	242.1	9.7	8.6	4.6	319.9	319.2	0.1	1.0	9.4	14.
18.2	53.6	4665.5	550.0	-3.5	-52.2	242.8	8.8	7.8	4.0	319.9	320.1	0.1	1.0	9.8	16.
19.3	56.5	4937.7	525.0	-7.0	-54.1	241.1	8.6	7.5	4.1	320.0	320.2	0.0	1.0	10.2	19.
20.5	59.6	5211.4	500.0	-10.5	-56.5	240.5	7.9	6.8	3.9	320.3	320.4	0.0	1.0	10.6	21.
21.9	63.3	5490.3	475.0	-14.3	-58.2	232.5	7.0	5.6	4.3	320.3	321.4	0.3	10.9	11.1	22.
23.2	66.6	5767.3	450.0	-18.5	-33.3	224.9	5.7	4.0	4.1	320.0	321.8	0.5	25.8	11.6	24.
24.7	69.9	6051.7	425.0	-23.6	-62.9	231.6	6.3	4.9	3.9	322.9	323.0	0.0	1.0	12.1	25.
26.0	73.6	6334.7	400.0	-21.4	-63.6	241.3	5.6	4.9	2.7	327.2	327.2	0.0	1.0	12.6	26.
28.2	77.1	6622.7	375.0	-24.5	-65.6	232.5	4.8	4.2	2.5	329.2	329.3	0.0	1.0	13.1	27.
30.0	81.0	6922.2	350.0	-26.1	-67.3	234.1	6.0	5.1	3.2	330.9	330.9	0.0	1.0	13.5	29.
31.9	85.0	7227.3	325.0	-32.2	-73.6	250.4	5.9	5.7	1.4	332.4	332.4	0.0	1.0	14.2	30.
33.9	89.2	7538.2	300.0	-37.2	-74.0	270.2	4.3	4.3	-0.0	332.9	332.9	0.0	1.0	14.5	32.
36.1	93.5	13174.2	275.0	-42.2	99.9	265.8	6.5	6.5	0.5	334.2	999.9	99.9	999.9	14.8	34.
38.6	98.2	13812.7	250.0	-46.2	99.9	276.6	7.7	7.7	-0.6	337.6	999.9	99.9	999.9	15.6	38.
41.3	103.0	14506.3	225.0	-50.7	99.9	271.7	8.1	8.1	-0.2	340.9	999.9	99.9	999.9	16.0	41.
44.1	108.4	15265.2	200.0	-54.0	99.9	263.6	18.5	18.4	2.1	347.3	999.9	99.9	999.9	17.9	46.
47.5	114.3	16121.0	175.0	-56.0	99.9	260.7	23.2	22.9	3.7	357.5	999.9	99.9	999.9	21.5	52.
51.2	120.3	17081.3	150.0	-0.0	99.9	261.3	25.3	25.0	3.8	366.7	999.9	99.9	999.9	26.5	58.
55.4	127.0	18203.1	125.	4.1	99.9	252.1	21.5	20.4	6.6	379.0	999.9	99.9	999.9	32.0	62.
60.4	134.7	19573.8	100.0	-67.2	99.9	239.8	17.3	14.9	8.7	397.9	999.9	99.9	999.9	38.0	62.
66.1	143.3	21276.1	75.0	-70.0	99.9	236.6	10.5	4.7	9.4	426.2	999.9	99.9	999.9	42.2	61.
73.1	152.7	23767.6	50.0	-58.2	99.9	112.2	8.2	-7.6	3.1	506.5	999.9	99.9	999.9	42.7	57.
86.8	162.3	25216.8	25.0	-49.6	99.9	999.9	99.9	99.9	99.9	642.4	999.9	99.9	999.9	37.4	54.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS

9 MAY 1979
1100 GMT

163 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO M/KG	RH PCT	RANGE KM	AZ DG
0.1	7.6	124.0	993.5	19.4	18.6	180.0	1.5	0.0	1.5	293.1	320.4	13.7	95.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	9.1	286.5	975.0	19.1	18.4	177.8	9.7	-0.4	9.7	294.4	330.2	13.8	95.5	0.2	2.
1.4	11.5	510.0	950.0	17.2	16.5	176.4	13.3	-0.8	13.3	294.7	327.4	12.6	95.4	0.7	359.
2.3	13.9	735.3	925.0	17.1	15.8	178.9	17.8	-2.8	17.5	296.8	329.3	12.4	92.3	1.5	356.
3.2	16.3	973.1	900.0	17.7	10.6	172.7	17.7	-2.3	17.6	299.7	326.0	9.0	63.1	2.6	354.
4.1	18.8	1214.2	875.0	17.7	4.1	170.1	15.6	-0.8	15.6	302.2	318.7	5.9	40.6	3.5	354.
5.1	21.2	1461.7	850.0	17.3	-5.4	181.8	12.8	0.4	12.8	304.3	313.4	3.1	21.3	4.3	355.
6.1	23.8	1715.9	825.0	17.3	-35.6	180.3	9.6	0.1	9.6	306.9	307.9	0.3	2.0	5.0	356.
7.1	26.3	1977.9	800.0	17.7	-39.1	183.4	6.1	0.4	6.1	310.1	310.6	0.2	1.0	5.5	357.
8.2	29.0	2249.4	775.0	17.5	-39.2	182.5	3.4	-1.0	3.2	312.7	313.3	0.2	1.0	5.8	357.
9.3	31.5	2526.6	750.0	15.5	-40.4	180.3	3.7	-1.2	3.4	313.4	313.9	0.1	1.0	5.9	356.
10.3	34.1	2812.6	725.0	14.2	-41.2	178.0	4.5	-0.8	4.5	315.1	315.6	0.1	1.0	6.2	356.
11.5	36.8	3106.6	700.0	11.8	-42.4	185.3	3.6	0.3	3.6	315.4	315.8	0.1	1.0	6.5	356.
12.7	39.6	3408.8	675.0	9.4	-44.2	227.9	4.5	3.3	3.0	316.2	316.6	0.1	1.0	6.7	357.
13.9	42.3	3719.5	650.0	6.8	-45.7	233.6	5.6	4.5	3.3	316.7	317.1	0.1	1.0	6.9	359.
15.1	45.2	4043.2	625.0	4.5	-47.2	220.0	5.7	3.7	4.4	317.6	317.9	0.1	.0	7.2	2.
16.2	48.1	4370.4	600.0	1.5	-33.5	227.5	8.2	6.0	5.5	317.9	319.2	0.4	9.5	7.6	4.
17.4	51.0	4711.3	575.0	-1.3	-40.0	234.9	9.4	7.7	5.4	318.5	319.2	0.2	3.3	8.0	7.
18.6	54.0	5063.1	550.0	-4.2	-38.5	235.2	11.0	9.0	6.3	319.1	319.9	0.2	4.8	8.5	11.
20.0	57.1	5427.4	525.0	-7.0	-36.8	236.0	12.2	10.2	6.7	319.8	320.1	0.3	7.6	9.2	16.
21.5	60.4	5804.2	500.0	-11.4	-35.0	236.9	12.4	10.4	6.8	319.1	320.5	0.4	12.4	10.0	20.
23.0	63.8	6194.9	475.0	-14.7	-35.0	229.6	13.6	10.4	8.8	319.8	321.2	0.4	15.4	11.0	23.
24.6	66.9	6601.4	450.0	-18.2	-33.5	232.3	14.9	11.8	9.1	320.4	322.1	0.5	29.3	12.3	26.
26.3	70.3	7025.4	425.0	-21.0	-36.2	237.4	16.9	14.2	9.1	321.0	322.4	0.4	25.6	13.8	29.
28.0	73.9	7467.8	400.0	-26.2	-35.9	242.8	16.4	14.6	7.5	320.9	322.4	0.4	39.5	15.2	32.
29.8	77.6	7931.4	375.0	-29.3	-43.4	238.9	12.8	10.9	6.6	322.8	323.6	0.2	26.0	16.6	35.
31.6	81.3	8424.3	350.0	-29.9	-67.2	234.8	9.3	7.5	5.4	328.4	328.5	0.0	1.3	17.6	36.
33.7	85.3	8948.2	325.0	-34.8	-71.8	248.6	10.7	9.9	3.9	329.8	329.8	0.0	1.0	18.8	38.
35.9	89.4	9503.8	300.0	-38.5	-73.6	245.5	10.6	9.6	4.4	331.1	331.2	0.0	1.2	20.0	40.
38.3	93.8	10094.8	275.0	-43.9	99.9	240.9	10.2	8.9	5.0	331.8	999.9	99.9	999.9	21.4	42.
40.7	98.4	10728.3	250.0	-48.2	99.9	236.4	14.2	11.5	8.3	334.4	999.9	99.9	999.9	23.0	43.
43.3	103.4	11415.9	225.0	-52.2	99.9	245.5	21.0	19.1	8.7	338.5	999.9	99.9	999.9	25.6	45.
46.3	109.6	12171.9	200.0	-56.0	99.9	240.8	21.6	18.9	10.6	344.2	999.9	99.9	999.9	29.4	48.
49.9	116.5	13012.3	175.0	-59.6	99.9	239.3	22.1	19.0	11.3	351.5	999.9	99.9	999.9	33.5	49.
53.2	123.8	13875.1	150.0	-60.8	99.9	237.1	24.9	20.9	13.5	360.3	999.9	99.9	999.9	38.4	50.
57.1	127.8	15101.6	125.0	-63.9	99.9	237.9	25.9	22.0	13.8	379.2	999.9	99.9	999.9	44.4	51.
61.9	135.7	16466.5	100.0	-63.9	99.9	241.9	24.4	21.6	11.5	404.3	999.9	99.9	999.9	51.9	53.
67.7	145.0	18211.0	75.0	-78.3	99.9	203.3	10.2	4.8	9.3	425.6	999.9	99.9	999.9	57.5	53.
75.9	155.5	20702.8	50.0	-59.3	99.9	123.0	5.8	-4.9	3.2	503.9	999.9	99.9	999.9	58.6	51.
88.7	168.0	25180.2	25.0	-67.1	99.9	76.3	13.3	-12.9	-3.1	649.3	999.9	99.9	999.9	53.7	48.

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STATION NO. 247
LONGVIEW, TEXAS

9 MAY 1979
1405 GMT

160 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	124.3	975.0	22.8	19.6	190.0	5.1	0.9	5.0	296.4	334.4	14.6	82.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	99.9	999.9	999.9	999.
0.5	9.1	301.3	975.0	20.8	19.2	172.1	8.9	-1.2	8.8	296.1	331.7	13.6	84.9	0.2	14.
1.5	11.5	525.7	950.0	19.7	17.3	180.1	11.9	0.0	11.9	296.1	330.7	13.2	91.9	0.8	1.
2.5	13.8	754.7	925.0	17.5	16.2	177.2	15.9	-0.8	15.9	297.2	330.4	12.7	92.3	1.6	1.
3.6	16.3	993.0	900.0	18.4	11.4	178.0	16.3	-0.6	16.3	300.5	326.3	9.5	63.8	2.7	358.
4.6	18.7	1231.6	875.0	18.3	7.0	184.1	14.4	1.0	14.3	302.8	322.8	7.2	47.7	3.6	359.
5.5	21.2	1473.8	850.0	17.5	1.1	186.4	13.4	1.5	13.3	304.5	318.5	4.9	33.8	4.4	1.
6.5	23.7	1734.3	825.0	17.3	-7.7	179.2	10.8	-0.2	10.8	306.9	314.7	2.6	17.6	5.1	1.
7.5	26.3	1996.5	800.0	17.7	-18.6	179.7	7.6	-0.0	7.6	310.0	313.6	1.1	7.1	5.8	1.
8.6	28.9	2266.9	775.0	17.2	-25.0	147.8	6.5	-3.5	5.5	312.4	314.5	0.6	4.1	6.1	0.
9.6	31.5	2545.7	750.0	16.4	-21.3	134.9	6.8	-4.8	4.8	314.4	317.5	1.0	6.2	6.3	357.
10.7	34.0	2832.9	725.0	15.2	-19.0	145.4	6.6	-3.7	5.4	316.1	319.9	1.2	7.9	6.7	355.
11.9	36.7	3128.4	700.0	12.9	-20.1	176.3	5.1	-0.3	5.1	316.8	320.6	1.1	8.7	7.1	354.
13.1	39.4	3432.2	675.0	10.4	-14.5	216.1	5.8	3.4	4.7	317.3	323.2	1.8	15.8	7.4	355.
14.3	42.2	3744.5	650.0	7.8	-15.9	226.5	8.9	6.4	6.1	317.7	323.2	1.7	16.7	7.8	356.
15.5	45.0	4066.3	625.0	5.1	-17.0	224.4	8.7	6.1	6.2	318.3	323.5	1.6	18.3	8.2	1.
16.9	48.0	4397.2	600.0	1.9	-19.2	212.1	9.4	5.0	7.9	318.3	322.9	1.4	19.1	8.5	4.
18.1	50.8	4733.7	575.0	-0.8	-25.0	209.4	10.3	5.1	9.0	319.1	322.0	0.9	13.9	9.5	6.
19.3	53.9	5081.4	550.0	-4.0	-26.2	213.8	11.5	6.4	9.6	319.3	322.1	0.8	15.7	10.2	8.
20.6	57.0	5455.7	525.3	-7.6	-26.9	214.9	11.4	6.5	9.3	319.3	322.0	0.8	19.4	11.0	10.
22.1	60.1	5833.3	500.0	-10.6	-32.6	220.8	11.8	7.7	8.9	320.1	321.8	0.5	14.4	11.9	12.
23.5	61.4	6225.6	475.0	-13.7	-38.5	219.6	13.7	8.7	10.6	321.1	322.1	0.3	10.2	12.9	15.
25.2	66.7	6633.7	450.0	-17.3	-36.6	217.3	14.2	8.6	11.3	321.5	322.9	0.4	18.1	14.2	17.
27.8	70.1	7059.1	425.0	-20.9	-37.8	222.8	12.7	8.6	9.3	322.1	323.4	0.3	20.2	15.4	19.
29.6	73.7	7503.2	400.0	-25.3	-36.3	225.1	12.2	8.7	8.6	322.1	323.6	0.4	35.0	16.6	20.
33.0	77.4	7968.9	375.0	-27.7	-46.0	231.2	11.0	8.6	6.9	325.0	325.6	0.2	15.5	17.5	22.
31.9	81.2	8463.4	350.0	-29.5	-51.8	238.6	7.7	6.6	4.0	329.0	329.4	0.1	9.3	18.4	24.
33.9	85.2	8988.1	325.0	-33.5	-55.5	237.8	5.9	5.0	3.1	330.6	330.8	0.1	8.8	19.0	25.
36.3	89.3	9544.7	300.0	-38.2	-57.5	234.9	8.3	6.8	4.8	331.5	331.8	0.1	11.0	19.5	27.
39.2	93.7	10137.1	275.0	-43.0	99.9	242.2	9.6	8.5	4.5	332.9	999.9	99.9	999.9	20.8	28.
42.6	98.4	10772.7	250.0	-48.0	99.9	237.0	13.2	11.1	7.2	334.8	999.9	99.9	999.9	22.2	30.
43.2	103.2	11461.1	225.0	-51.9	99.9	244.0	16.1	14.4	7.0	339.0	999.9	99.9	999.9	24.2	33.
46.1	108.5	12219.3	200.0	-54.9	99.9	236.6	21.3	17.8	11.7	345.9	999.9	99.9	999.9	27.1	36.
49.3	114.5	13067.2	175.0	-57.5	99.9	240.6	21.7	18.9	10.6	355.1	999.9	99.9	999.9	31.0	39.
52.9	120.8	14034.1	150.0	-60.1	99.9	239.9	26.3	22.8	13.2	366.5	999.9	99.9	999.9	36.0	42.
56.9	127.8	15169.4	125.0	-61.5	99.9	235.5	23.5	19.4	13.3	383.6	999.9	99.9	999.9	41.8	45.
61.4	135.7	16535.8	100.0	-64.1	99.9	238.1	20.1	17.1	10.6	403.9	999.9	99.9	999.9	48.0	48.
67.5	145.9	19281.4	75.0	-66.0	99.9	207.7	9.8	4.6	8.7	430.4	999.9	99.9	999.9	52.4	46.
75.3	155.0	20788.6	50.0	-57.0	99.9	119.0	6.5	-5.7	3.1	509.2	999.9	99.9	999.9	54.2	44.
89.0	165.3	25284.5	25.0	-47.0	99.9	999.9	99.9	99.9	99.9	649.8	999.9	99.9	999.9	999.9	999.

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STATION NO. 247
LONGVIEW, TEXAS

9 MAY 1979
1705 GMT

100 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	124.0	995.3	20.1	18.0	180.0	5.1	-5.0	0.9	299.7	334.7	13.2	81.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	9.1	305.1	975.0	22.7	16.7	999.9	99.9	99.9	99.9	298.0	330.8	12.4	68.0	999.9	999.
1.0	11.5	531.1	950.0	20.8	16.3	999.9	99.9	99.9	99.9	298.3	331.1	12.4	75.5	999.9	999.
1.5	14.0	761.4	925.0	18.5	14.4	999.9	99.9	99.9	99.9	298.2	328.2	11.3	77.3	999.9	999.
2.5	18.4	996.5	900.0	17.4	12.9	999.9	99.9	99.9	99.9	299.5	327.7	10.5	75.4	999.9	999.
3.1	19.8	1237.9	875.0	16.3	5.1	999.9	99.9	99.9	99.9	302.8	328.4	6.3	41.8	999.9	999.
4.1	21.5	1485.6	850.0	17.2	-3.0	999.9	99.9	99.9	99.9	306.2	314.9	3.7	25.4	999.9	999.
5.0	24.0	1739.5	825.0	16.6	-4.6	999.9	99.9	99.9	99.9	308.2	315.9	3.3	22.9	999.9	999.
6.0	26.6	2001.6	800.0	17.3	-15.1	999.9	99.9	99.9	99.9	309.6	314.4	1.5	10.1	1.0	3.
7.0	29.2	2271.8	775.0	17.1	-20.4	180.1	5.0	0.0	5.0	312.2	315.4	1.0	6.2	2.1	9.
7.9	31.8	2550.4	750.0	16.5	-21.6	153.2	5.2	-2.3	4.6	314.8	317.4	0.9	5.8	2.4	1.
8.9	34.6	2837.6	725.0	15.3	-20.8	180.5	3.3	0.0	3.3	316.3	319.6	1.0	6.7	2.6	360.
9.9	37.3	3133.0	700.0	12.8	-13.4	185.0	3.6	0.3	3.6	316.6	322.8	1.9	14.7	2.8	0.
10.9	40.1	3436.2	675.0	9.6	-13.7	159.4	6.4	-1.6	6.1	316.4	322.7	2.0	17.7	3.0	360.
12.0	42.9	3747.9	650.0	7.0	-14.6	195.7	5.9	1.6	5.7	316.9	322.9	1.9	19.7	3.3	350.
13.0	45.8	4069.5	625.0	4.3	-18.5	245.9	11.0	10.0	4.8	317.6	322.2	1.4	16.9	3.6	6.
14.1	48.7	4397.3	600.0	1.9	-22.9	237.9	9.6	8.1	5.1	318.3	321.6	1.0	13.8	4.1	16.
15.3	51.7	4740.6	575.0	-1.0	-25.3	213.6	6.5	2.5	5.8	318.8	321.6	0.8	13.7	4.4	18.
16.6	54.8	5093.2	550.0	-3.9	-27.5	230.4	6.8	5.7	3.1	319.5	321.9	0.7	13.9	4.7	21.
17.7	57.9	5459.1	525.0	-7.0	-28.8	160.1	6.9	-2.4	6.5	320.8	322.2	0.7	15.6	5.8	28.
19.0	61.1	5835.8	500.0	-10.9	-30.3	999.9	99.9	99.9	99.9	319.7	321.8	0.6	18.4	999.9	999.
20.4	64.4	6227.6	475.0	-14.0	-30.5	999.9	99.9	99.9	99.9	320.7	322.8	0.6	23.0	999.9	999.
21.7	67.9	6635.5	450.0	-17.5	-32.4	999.9	99.9	99.9	99.9	321.3	323.2	0.6	25.8	999.9	999.
23.1	71.3	7060.4	425.0	-21.5	-33.5	999.9	99.9	99.9	99.9	321.4	323.3	0.5	32.7	999.9	999.
24.6	74.9	7503.5	400.0	-25.7	-35.8	999.9	99.9	99.9	99.9	321.6	323.2	0.4	37.9	999.9	999.
26.2	78.6	7970.4	375.0	-27.2	-46.3	999.9	99.9	99.9	99.9	325.7	326.2	0.2	14.2	16.5	27.
27.9	82.4	8465.2	350.0	-29.7	-49.4	229.8	11.0	8.3	7.2	328.8	329.2	0.1	12.5	17.6	29.
29.6	86.5	8989.5	325.0	-33.6	-52.6	232.4	9.8	7.1	6.5	330.3	330.7	0.1	13.8	18.6	30.
31.5	90.7	9545.7	300.0	-38.6	-56.8	231.2	8.5	6.6	5.3	331.3	331.6	0.1	13.5	19.4	31.
33.6	95.2	10137.7	275.0	-43.2	99.9	230.9	11.3	8.7	7.1	332.6	999.9	99.9	999.9	20.5	32.
35.8	99.9	10773.8	250.0	-47.8	99.9	244.8	14.1	12.8	6.0	336.3	999.9	99.9	999.9	22.1	34.
38.2	104.9	11465.2	225.0	-51.4	99.9	239.6	18.4	15.3	9.1	339.7	999.9	99.9	999.9	24.0	37.
40.7	110.3	12223.3	200.0	-55.2	99.9	246.2	21 /	19.9	8.8	345.4	999.9	99.9	999.9	27.8	40.
43.6	116.0	13069.0	175.0	-58.0	99.9	239.4	21.0	18.1	10.7	354.2	999.9	99.9	999.9	30.1	42.
47.0	122.5	14037.5	150.0	-59.7	99.9	238.4	25.8	22.0	13.5	367.3	999.9	99.9	999.9	34.7	45.
50.8	129.7	15169.4	125.0	-62.4	99.9	233.2	22.7	18.2	13.6	382.8	999.9	99.9	999.9	40.1	46.
55.3	137.7	16578.5	100.0	-63.0	99.9	228.1	19.8	14.8	13.0	400.8	999.9	99.9	999.9	46.4	47.
60.8	147.0	18282.7	75.0	-64.1	99.9	189.2	11.5	1.8	11.4	438.8	999.9	99.9	999.9	50.9	46.
68.0	157.8	20787.4	50.0	-57.9	99.9	126.1	6.7	-5.4	4.0	507.2	999.9	99.9	999.9	52.3	43.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
+ BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS

9 MAY 1979
2000 GMT

162 19. 0

TIME MIN	CNTET	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.5	124.3	993.2	24.4	14.1	150.0	5.1	-2.6	4.4	303.2	341.3	14.2	56.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.8	4.8	298.6	970.0	20.5	17.2	151.5	6.6	-3.1	5.6	331.8	336.2	12.8	55.6	0.3	325.
1.1	11.5	517.1	940.0	23.8	15.6	151.7	6.2	-3.0	5.5	321.3	333.2	11.9	60.5	0.5	328.
1.9	13.9	746.7	910.0	21.5	14.2	145.1	6.0	-3.4	4.9	331.3	332.5	11.6	65.9	0.8	329.
2.9	16.3	987.3	880.0	19.3	14.8	140.1	6.3	-4.0	4.8	331.4	333.3	11.9	75.2	1.2	326.
3.8	19.7	1224.3	850.0	16.9	14.5	155.5	6.0	-2.5	5.5	331.4	333.6	12.0	86.9	1.5	325.
4.5	21.2	1470.1	820.0	16.7	13.7	153.1	7.6	0.4	7.6	331.6	333.1	11.7	91.6	1.9	329.
5.9	23.7	1724.7	790.0	15.1	3.1	182.0	12.2	0.4	12.2	334.6	321.7	6.1	47.5	2.3	338.
7.5	25.2	1990.1	760.0	15.8	-20.1	145.9	13.7	1.6	13.6	339.1	312.8	1.2	8.0	3.0	344.
7.6	24.9	2265.1	730.0	17.1	-39.5	193.5	12.9	3.0	12.6	312.2	312.7	0.2	1.0	3.8	350.
8.8	31.9	2551.3	700.0	15.7	-40.3	192.6	11.9	2.6	11.6	313.6	314.2	0.1	1.0	4.5	354.
9.5	34.3	2848.2	670.0	14.5	-24.7	193.5	11.1	2.6	10.8	315.7	314.1	0.7	4.9	5.1	358.
10.5	37.7	3157.5	640.0	12.6	-19.1	199.4	10.4	3.3	9.9	316.5	320.7	1.3	10.0	5.7	358.
11.0	39.6	3479.3	610.0	11.2	-22.0	207.9	11.2	5.3	9.9	317.1	320.3	1.0	8.5	6.3	1.
12.5	43.2	3814.3	580.0	7.7	-15.1	213.9	12.0	6.7	10.3	317.6	322.8	1.6	16.0	6.9	4.
13.0	44.4	4163.2	550.0	4.8	-14.3	216.4	12.3	7.3	9.9	318.0	324.1	1.9	22.4	7.6	7.
13.7	44.3	4526.1	520.0	1.7	-14.3	216.3	12.3	7.3	9.9	318.1	324.8	2.1	22.2	8.3	10.
14.4	44.3	4903.4	490.0	-0.8	-24.7	213.3	12.3	6.2	10.6	319.9	322.0	0.9	14.3	9.0	12.
15.3	46.1	5296.4	460.0	-3.4	-33.6	210.2	11.8	5.3	10.2	319.6	321.5	0.5	10.5	9.9	13.
15.7	47.1	5705.3	430.0	-7.3	-34.5	213.3	12.7	7.0	10.6	320.0	321.4	0.4	8.9	10.6	14.
16.3	48.3	6130.8	400.0	-12.5	-34.5	213.9	13.4	7.5	11.1	320.3	321.7	0.4	11.8	11.5	16.
17.0	49.5	6573.1	370.0	-18.1	-33.9	210.5	13.0	8.4	10.8	320.6	322.2	0.5	17.1	12.6	18.
17.7	49.3	7032.3	340.0	-17.6	-33.4	205.1	12.3	8.2	17.5	321.2	322.9	0.5	23.6	14.2	19.
18.4	51.1	7508.4	310.0	-23.1	-47.7	214.7	10.5	13.5	15.2	323.3	323.8	0.1	7.6	15.8	19.
19.2	51.2	8002.1	280.0	-22.1	-57.9	229.6	15.4	11.5	10.2	326.3	326.4	0.0	2.3	17.2	21.
20.4	52.5	8513.5	250.0	-25.5	-63.7	239.2	12.4	10.7	7.2	327.9	328.0	0.0	2.1	18.3	24.
21.1	54.3	9042.3	220.0	-28.3	-61.2	243.5	8.2	7.1	4.0	329.3	329.4	0.0	2.8	19.1	25.
22.8	54.3	9587.0	190.0	-33.3	-61.9	242.6	7.4	6.6	3.5	330.7	330.8	0.0	3.8	19.8	27.
23.5	54.5	10147.2	160.0	-39.0	-64.3	252.1	7.2	6.8	2.2	331.9	331.9	0.0	4.4	20.4	28.
24.7	54.3	10723.5	130.0	-43.1	99.9	249.1	8.6	8.0	3.0	332.9	999.9	99.9	999.9	21.1	30.
25.3	54.6	11316.3	100.0	-47.6	99.9	250.7	10.0	9.6	2.6	335.7	999.9	99.9	999.9	22.3	32.
26.3	53.4	11925.0	70.0	-52.2	99.9	241.0	15.3	13.6	7.4	339.6	999.9	99.9	999.9	23.4	34.
61.3	10.8	14223.8	20.0	-55.8	99.9	241.8	19.3	17.0	9.1	344.4	999.9	99.9	999.9	26.0	37.
64.3	118.6	13359.9	175.0	-59.1	99.9	241.6	23.8	20.9	11.3	354.0	999.9	99.9	999.9	29.5	40.
67.5	121.3	14251.3	150.0	-53.2	99.9	244.4	25.1	22.6	10.9	368.1	999.9	99.9	999.9	34.3	44.
51.5	124.3	15154.3	125.0	-62.5	99.9	235.3	26.0	21.4	14.8	381.9	999.9	99.9	999.9	40.4	46.
54.2	136.3	16135.4	100.0	-65.0	99.9	225.9	18.8	13.5	13.1	402.3	999.9	99.9	999.9	46.9	47.
61.9	145.3	16975.1	75.0	-66.2	99.9	199.9	13.0	4.4	12.2	436.2	999.9	99.9	999.9	52.1	45.
69.4	155.3	23775.6	53.0	-59.9	99.9	145.8	6.3	-3.6	5.2	502.3	999.9	99.9	999.9	56.2	43.
81.8	165.7	25252.7	25.0	-48.4	99.9	84.2	9.1	-9.0	-0.9	666.0	999.9	99.9	999.9	51.3	39.

* AV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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STATION NO. 867
LONGVIEW, TEXAS

0 MAY 1979
2300 GMT

300 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	SAT MIX GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.4	124.0	992.0	27.8	20.4	120.6	5.1	-4.4	2.5	301.7	342.6	18.4	60.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	12.0	277.3	975.0	25.8	19.1	122.9	4.8	-4.0	2.7	301.1	339.4	14.5	66.0	0.1	300.
1.2	19.3	503.9	950.0	23.8	18.7	120.7	5.0	-4.3	2.6	301.3	339.9	14.5	73.3	0.4	300.
1.9	17.6	730.9	925.0	21.5	16.0	143.3	6.0	-4.1	3.5	301.3	339.3	14.2	80.6	0.7	310.
2.7	20.0	976.7	900.0	20.3	16.4	150.2	7.3	-6.7	6.6	302.4	337.9	13.2	78.4	1.0	317.
3.7	22.5	1220.1	875.0	18.0	16.2	167.0	8.9	-8.8	9.6	302.5	338.5	13.4	88.9	1.4	320.
4.7	25.0	1468.5	850.0	16.1	15.1	180.4	10.4	0.1	10.4	303.0	337.4	12.8	94.0	1.9	333.
5.8	27.6	1722.7	825.0	14.4	13.3	193.4	10.6	2.5	10.3	303.8	335.8	11.8	93.3	2.5	345.
6.9	30.0	1982.4	800.0	11.9	11.4	189.0	9.5	-0.8	9.8	303.9	333.0	10.7	96.5	3.1	347.
7.9	32.6	2250.6	775.0	17.5	-39.2	194.9	11.9	3.3	11.4	312.7	313.2	0.2	1.0	3.7	352.
9.0	35.2	2529.3	750.0	16.4	-39.9	191.9	12.5	2.6	12.2	314.4	314.9	0.2	1.0	4.4	356.
10.9	37.8	2816.2	725.0	15.3	-40.6	190.9	12.6	2.6	12.4	316.2	316.8	0.1	1.0	5.2	358.
11.1	40.5	3111.9	700.0	13.6	-41.6	193.7	13.2	3.6	12.7	317.5	318.0	0.1	1.0	6.0	0.
12.3	43.2	3416.0	675.0	11.1	-42.9	208.2	12.7	6.0	11.9	318.4	318.8	0.1	1.0	6.9	3.
13.4	46.0	3729.1	650.0	8.7	-44.5	203.3	12.5	4.9	11.5	318.9	319.3	0.1	1.0	7.7	5.
14.6	48.9	4051.4	625.0	5.7	-38.2	207.2	11.7	5.2	10.4	319.0	319.0	0.2	2.4	8.5	7.
15.8	51.8	4383.1	600.0	2.6	-41.8	208.9	11.9	5.6	10.5	319.1	319.7	0.2	2.1	9.3	9.
17.1	54.7	4724.9	575.0	-0.3	-50.2	216.0	12.4	7.3	10.1	319.6	319.9	0.1	1.0	10.2	11.
18.5	57.9	5078.0	550.0	-3.5	-52.2	218.2	14.5	8.9	11.4	319.9	320.1	0.1	1.0	11.2	13.
19.9	60.8	5442.9	525.0	-7.1	-54.4	218.8	14.2	8.8	11.2	319.9	320.1	0.0	1.0	12.2	16.
21.1	63.9	5820.6	500.0	-10.7	-56.7	219.0	14.3	8.9	11.6	320.0	320.1	0.0	1.0	13.3	17.
22.7	67.1	6211.9	475.0	-14.4	-47.7	219.3	15.4	8.9	12.6	320.1	320.5	0.1	4.0	14.6	19.
24.3	70.6	6618.4	450.0	-18.3	-55.7	217.4	15.9	9.7	12.6	320.2	320.5	0.1	2.9	16.0	21.
26.0	74.0	7043.8	425.0	-19.5	-62.3	220.4	15.7	11.4	10.9	324.0	324.1	0.0	1.0	17.6	22.
27.6	77.4	7492.8	400.0	-21.7	-63.7	243.6	12.9	11.3	5.7	326.8	326.9	0.0	1.0	18.8	25.
29.4	81.1	7964.5	375.0	-25.9	-66.2	247.3	8.3	7.6	3.2	327.9	328.0	0.0	1.0	19.6	27.
31.3	85.0	8461.3	350.0	-29.1	-68.6	247.0	8.0	8.6	2.3	329.5	329.5	0.0	1.0	20.3	28.
33.4	89.0	8986.8	325.0	-33.1	-71.2	266.8	4.6	4.6	0.3	331.1	331.1	0.0	1.0	20.7	30.
35.5	93.2	9544.1	300.0	-38.2	-74.6	274.3	4.7	4.7	-0.3	331.6	331.6	0.0	1.0	20.9	31.
37.6	97.6	10137.6	275.0	-42.6	99.9	272.5	8.2	8.2	-0.6	333.6	999.9	99.9	999.9	21.3	33.
39.8	102.0	10774.2	250.0	-47.7	99.9	268.8	11.1	11.1	0.2	335.1	999.9	99.9	999.9	22.0	36.
42.3	107.0	11462.5	225.0	-52.5	99.9	257.1	12.6	12.3	2.8	338.1	999.9	99.9	999.9	23.2	39.
45.4	112.6	12218.3	200.0	-55.9	99.9	250.2	17.8	16.8	6.0	344.3	999.9	99.9	999.9	25.6	42.
48.7	119.3	13063.6	175.0	-57.9	99.9	248.8	21.9	20.3	8.2	354.4	999.9	99.9	999.9	29.2	44.
52.2	126.9	14033.4	150.0	-59.8	99.9	242.8	24.3	21.6	11.1	367.1	999.9	99.9	999.9	33.9	48.
56.2	135.7	15165.5	125.0	-62.3	99.9	238.6	25.8	21.4	13.1	382.2	999.9	99.9	999.9	40.0	51.
61.2	139.7	16532.4	100.0	-65.5	99.9	229.2	19.5	14.8	12.7	401.1	999.9	99.9	999.9	46.6	51.
67.3	149.8	18264.8	75.0	-67.8	99.9	208.9	11.9	5.7	10.4	421.1	999.9	99.9	999.9	52.4	49.
75.6	159.5	20765.7	50.0	-68.3	99.9	115.7	7.4	-6.7	3.2	501.6	999.9	99.9	999.9	57.4	47.
88.7	170.0	25243.5	25.0	-68.3	99.9	999.9	99.9	99.9	99.9	646.8	999.9	99.9	999.9	62.5	46.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 247
LONGVIEW, TEXAS

10 MAY 1973
205 GMT

161 16. 0

TIME MIN	PRESS MB	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR D	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	7.5	126.3	992.6	25.0	20.3	120.3	3.6	-3.1	1.8	298.8	339.0	15.3	75.3	0.0	0.
99.3	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	9.3	24.3	975.3	25.7	19.7	999.9	99.9	99.9	99.9	331.3	363.8	15.0	69.5	999.9	999.
1.3	11.4	532.3	950.0	24.3	15.6	999.9	99.9	99.9	99.9	331.9	361.3	14.4	73.5	999.9	999.
2.5	13.9	762.7	925.0	22.2	17.4	999.9	99.9	99.9	99.9	332.0	359.7	13.7	76.5	999.9	999.
3.8	16.2	991.4	900.0	21.5	16.5	999.9	99.9	99.9	99.9	332.6	359.3	13.3	76.0	999.9	999.
4.1	16.5	1224.3	875.0	19.2	16.4	156.5	12.8	-5.1	11.7	332.7	359.1	13.5	84.8	3.1	339.
5.1	21.1	1673.3	850.0	16.4	14.7	157.6	12.4	-4.3	11.6	333.3	357.2	12.5	89.9	3.8	339.
6.3	23.6	1727.3	825.0	15.9	13.1	161.5	12.2	-3.9	11.5	333.3	356.8	11.6	95.0	4.5	339.
7.1	27.1	1980.3	800.0	12.1	9.9	177.2	12.3	-0.6	12.3	334.1	350.2	9.5	87.4	5.3	340.
8.3	29.8	2235.3	775.0	15.9	-39.3	198.8	13.9	3.6	13.4	314.2	314.8	0.2	1.0	6.0	344.
9.1	31.8	2491.3	750.0	17.2	-33.4	199.8	16.0	2.7	15.7	315.2	315.9	0.2	1.0	6.9	348.
10.3	34.1	2747.6	725.0	15.2	-40.5	191.3	16.2	3.2	15.9	316.2	316.7	0.1	1.0	7.8	351.
11.3	36.7	3004.3	700.0	13.3	-41.7	198.4	15.5	5.0	14.7	317.3	317.8	0.1	1.0	8.6	353.
12.6	39.6	3262.3	675.0	10.7	-43.3	196.9	15.3	4.4	14.6	317.7	318.1	0.1	1.0	9.5	356.
13.1	42.2	3521.3	650.0	9.4	-44.9	199.3	13.3	4.4	13.6	318.5	318.9	0.1	1.0	10.3	357.
14.4	45.3	3781.7	625.0	8.4	-46.3	213.1	12.6	6.9	10.6	319.8	320.1	0.1	1.0	11.1	359.
15.6	47.9	4041.6	600.0	3.5	-47.4	222.5	13.4	9.1	9.9	320.1	320.4	0.1	1.0	11.7	2.
16.7	50.8	4301.1	575.0	3.2	-49.9	224.1	14.1	9.8	10.2	320.2	320.5	0.1	1.0	12.4	5.
17.9	53.4	4561.3	550.0	-3.2	-52.3	224.6	14.2	10.0	10.1	320.3	320.5	0.1	1.0	13.3	8.
19.1	56.2	4822.3	525.0	-6.3	-45.3	223.2	15.3	10.5	11.1	320.2	320.6	0.1	2.9	14.4	11.
20.4	59.1	5084.3	500.0	-10.8	-34.4	223.6	15.9	11.0	11.5	319.9	321.3	0.4	11.7	15.6	14.
21.1	61.3	5221.5	475.0	-14.4	-34.3	228.2	15.2	10.6	10.9	320.1	321.7	0.4	10.6	16.8	16.
21.3	61.6	5262.3	450.0	-16.6	-60.5	227.4	14.0	10.3	9.5	322.3	322.4	0.0	1.0	18.0	18.
22.6	64.3	5565.7	425.0	-19.1	-61.5	269.2	10.9	10.1	4.1	325.7	325.8	0.0	1.0	19.0	20.
23.3	67.5	5837.6	400.0	-21.1	-63.3	253.0	7.7	7.6	1.5	327.6	327.7	0.0	1.0	19.4	23.
24.7	70.3	6110.6	375.0	-24.5	-65.5	268.1	5.0	5.0	0.2	329.2	329.3	0.0	1.0	19.8	26.
25.4	73.1	6383.6	350.0	-24.4	-69.1	235.8	4.2	3.8	-1.8	330.4	330.5	0.0	1.0	19.9	25.
26.4	76.3	6657.2	325.0	-33.1	-71.2	230.0	4.2	3.9	-1.4	331.1	331.1	0.0	1.0	19.8	27.
27.3	79.1	6931.1	300.0	-39.0	-74.4	275.0	6.7	6.7	-0.4	331.9	331.9	0.0	1.0	20.0	28.
28.5	81.8	7205.2	275.0	-42.5	99.9	296.6	8.2	7.5	-3.4	333.7	999.9	99.9	999.9	20.3	31.
29.9	87.8	7753.2	250.0	-47.6	99.9	286.7	7.6	7.3	-2.2	335.3	999.9	99.9	999.9	20.4	34.
31.3	102.6	8853.1	225.0	-52.2	99.9	256.4	10.6	10.3	2.5	338.6	999.9	99.9	999.9	21.1	37.
44.3	107.9	9227.2	200.0	-57.2	99.9	254.5	13.6	13.3	2.5	342.2	999.9	99.9	999.9	22.7	40.
47.1	113.3	9776.2	175.0	-59.2	99.9	256.2	17.9	17.2	4.9	352.2	999.9	99.9	999.9	24.9	44.
50.7	119.5	10360.3	150.0	-60.5	99.9	248.1	24.3	22.6	9.1	365.9	999.9	99.9	999.9	29.2	48.
54.7	126.3	10960.3	125.0	-63.1	99.9	241.1	23.9	20.9	11.6	380.7	999.9	99.9	999.9	35.8	51.
59.6	134.0	11623.3	100.0	-66.8	99.9	229.8	19.2	13.5	13.6	398.7	999.9	99.9	999.9	48.9	52.
65.1	142.7	12349.0	75.0	-68.7	99.9	189.3	11.3	1.8	11.2	428.9	999.9	99.9	999.9	46.3	50.
72.8	152.7	13233.3	50.0	-59.3	99.9	115.7	7.6	-6.9	3.3	503.7	999.9	99.9	999.9	47.8	46.
85.5	163.3	25217.4	25.0	-49.4	99.9	67.9	8.0	-8.3	-2.5	643.1	999.9	99.9	999.9	41.7	43.

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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 247
LONGVIEW, TEXAS

10 MAY 1979
505 GMT

187 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.9	124.0	992.0	25.0	20.3	130.0	5.1	-3.9	3.3	298.0	338.2	15.3	75.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.0	999.9	999.
0.7	9.2	282.9	979.0	23.3	18.9	160.9	13.1	-4.3	12.4	298.8	336.2	14.3	76.1	9.3	344.
1.4	11.6	509.9	950.0	21.3	16.7	146.9	10.9	-5.8	13.7	299.0	337.2	14.5	89.0	1.0	341.
2.6	14.0	701.9	925.0	20.9	15.9	154.7	16.1	-6.9	14.6	300.3	333.9	12.4	72.6	2.1	337.
3.7	16.4	979.3	900.0	21.0	12.4	168.9	14.4	-2.8	14.1	303.1	330.8	10.1	57.9	3.9	338.
4.4	18.5	1221.1	875.0	19.6	15.1	185.2	15.3	1.4	15.2	306.1	338.8	12.9	75.8	3.9	342.
5.7	21.3	1472.8	850.0	17.9	14.2	191.3	16.1	3.2	15.9	304.9	337.9	12.1	79.2	4.8	348.
7.0	23.0	1729.0	825.0	15.3	13.8	195.6	15.5	3.2	15.0	304.0	337.9	12.1	90.4	6.0	353.
8.2	24.6	1988.2	800.0	13.1	12.5	197.1	15.2	4.5	14.5	305.1	336.6	11.5	98.8	6.9	357.
9.4	26.2	2250.4	775.0	17.8	-33.7	199.4	19.5	6.8	18.0	313.0	316.2	1.2	10.4	8.1	360.
10.7	31.6	2536.1	750.0	16.9	-39.5	195.8	18.1	6.7	17.5	316.9	315.9	0.2	1.0	9.5	2.
12.0	34.2	2823.2	725.0	15.1	-40.6	199.5	18.7	6.3	17.7	316.1	316.0	0.1	1.0	10.9	4.
13.2	36.9	3110.4	700.0	12.9	-42.0	203.9	17.6	7.0	15.9	316.0	317.2	0.1	1.0	12.2	6.
14.6	39.4	3422.2	675.0	10.9	-43.3	201.3	16.9	6.1	15.7	317.8	318.3	0.1	1.0	13.5	6.
15.9	42.3	3734.9	650.0	8.4	-44.8	201.7	16.9	6.2	15.7	318.5	318.9	0.1	1.0	14.9	9.
17.4	45.2	4056.4	625.0	5.3	-46.7	200.5	15.2	5.6	13.6	318.5	319.0	0.1	1.0	16.2	10.
18.9	48.0	4387.5	600.0	2.3	-48.5	210.5	13.7	6.9	11.8	318.8	319.1	0.1	1.0	17.5	11.
20.4	51.9	4729.3	575.0	-0.6	-50.3	215.5	12.9	7.3	10.6	319.2	319.5	0.1	1.0	18.5	13.
22.1	56.0	5081.8	550.0	-3.9	-52.4	213.5	11.4	6.5	12.9	319.5	319.7	0.1	1.0	19.9	14.
23.7	57.0	5446.3	525.0	-7.3	-54.6	220.1	10.5	9.3	11.1	319.6	319.6	0.0	1.0	21.3	16.
25.4	60.3	5823.5	500.0	-11.3	-58.3	220.6	10.2	9.2	10.9	319.3	319.4	0.0	2.0	22.5	17.
27.2	63.4	6216.2	475.0	-15.9	-59.6	213.7	14.3	8.0	11.9	319.4	320.2	0.2	9.2	24.0	19.
29.1	66.6	6629.7	450.0	-17.2	-60.8	221.6	13.0	8.7	9.8	321.7	321.7	0.0	1.0	25.8	19.
31.9	70.1	7069.3	425.0	-18.1	-58.4	257.0	6.4	6.2	1.3	329.8	329.8	0.0	1.0	26.9	21.
32.0	73.7	7540.1	400.0	-20.6	-63.1	271.5	3.5	3.5	-0.1	326.2	326.3	0.0	1.0	26.6	22.
34.6	77.3	7972.	375.0	-24.7	-65.7	277.2	3.4	3.4	-0.4	329.0	329.0	0.0	1.0	26.7	23.
36.7	81.1	8470.7	348.0	-28.8	-68.4	253.3	3.7	3.6	1.1	329.9	330.0	0.0	1.0	26.9	23.
38.7	85.0	8985.8	325.0	-33.5	-71.5	252.2	5.3	5.0	1.6	330.3	330.5	0.0	1.0	27.4	24.
41.0	89.0	9552.4	300.3	-37.8	-74.3	266.0	4.3	4.3	0.2	332.1	332.1	0.0	1.0	27.7	25.
43.5	93.3	10166.3	275.0	-42.5	99.9	282.1	5.8	5.7	-1.2	333.7	999.9	99.9	999.9	27.9	27.
45.8	97.8	10782.4	250.0	-46.0	99.9	281.1	8.5	8.3	-1.6	334.7	999.9	99.9	999.9	28.2	29.
48.3	102.8	11369.7	225.0	-53.2	99.9	262.3	10.4	10.3	1.4	337.0	999.9	99.9	999.9	28.9	32.
50.9	107.9	12219.9	200.0	-57.2	99.9	260.0	11.6	11.4	2.0	341.2	999.9	99.9	999.9	30.0	34.
53.7	113.3	13096.5	175.0	-59.6	99.9	258.8	19.7	19.3	3.8	351.5	999.9	99.9	999.9	31.7	37.
56.9	119.3	14015.5	150.0	-60.7	99.9	253.7	25.0	23.8	7.8	365.9	999.9	99.9	999.9	35.3	42.
60.5	126.0	15161.0	125.0	-64.0	99.9	238.9	23.8	20.4	12.3	379.1	999.9	99.9	999.9	40.0	48.
65.1	133.3	16495.6	100.0	-67.4	99.9	225.8	21.3	15.2	14.9	397.8	999.9	99.9	999.9	46.6	56.
70.3	142.0	17921.9	75.0	-65.0	99.9	197.0	11.8	2.9	11.2	438.7	999.9	99.9	999.9	51.8	60.
76.9	151.5	20720.9	50.0	-60.1	99.9	120.6	8.3	-7.1	4.2	501.9	999.9	99.9	999.9	53.6	62.
82.9	162.0	29169.2	25.0	-7.9	99.9	22.6	6.8	-2.6	6.1	669.3	999.9	99.9	999.9	49.1	36.

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STATION NO. 247
LONGVIEW, TEXAS

10 MAY 1979
0615 GMT

1500 20. 0

TIME MIN	ENTICE	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	124.0	992.8	23.8	20.7	180.0	6.2	-6.1	6.7	297.6	338.7	15.7	83.0	0.0	0.
99.9	99.9	99.9	1003.0	99.9	99.9	999.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.5	9.0	242.0	975.0	22.3	20.2	149.9	13.0	-6.5	11.2	297.6	338.1	15.5	87.8	0.3	346.
1.0	11.1	537.0	950.0	20.8	19.8	160.7	16.8	-5.5	15.8	298.3	339.0	15.6	94.4	1.1	339.
2.0	13.9	746.0	925.0	20.4	15.3	167.9	18.9	-4.0	18.4	300.4	332 2	11.9	72.9	2.0	342.
3.1	15.9	977.4	900.0	21.0	17.4	178.0	20.1	-0.7	20.1	303.2	341.0	14.1	79.7	3.0	345.
4.0	17.8	1201.0	875.0	19.3	16.5	187.2	19.1	2.4	18.9	303.8	340.9	13.7	84.5	4.0	353.
4.9	19.9	1421.4	850.0	18.3	13.9	193.3	17.7	4.1	17.2	305.3	337.0	11.6	73.9	5.0	356.
5.9	21.8	1727.3	825.0	15.9	13.3	196.4	19.2	5.4	18.5	305.4	337.5	1..7	84.5	5.9	357.
6.9	23.9	1944.3	800.0	13.8	9.1	205.8	18.3	8.0	16.5	335.8	323 7	8.6	69.1	7.0	1.
7.9	24.1	2259.5	775.0	18.0	-39.9	211.1	16.5	8.5	14.1	313.1	313.7	0.2	1.0	7.9	5.
8.7	31.7	2517.7	750.0	16.9	-39.6	209.0	16.0	7.7	14.0	314.9	315.5	0.2	1.0	8.8	7.
9.9	33.1	2424.9	725.0	14.7	-40.9	203.6	15.8	6.3	14.5	315.6	316.2	0.1	1.0	9.7	9.
10.9	35.9	3114.5	700.0	12.9	-42.3	201.5	15.8	5.8	14.7	316.8	317.2	0.1	1.0	10.7	10.
11.9	38.6	3423.1	675.0	10.9	-43.2	204.0	15.5	6.3	14.1	317.9	318.3	0.1	1.0	11.7	11.
12.1	41.3	373 .7	0.0	7.9	-45.1	210.0	16.6	8.2	14.2	317.9	318.3	0.1	1.0	12.7	13.
14.1	44.0	4057.1	625.0	5.6	-31.5	234.7	17.0	8.6	14.6	318.9	320.4	0.4	4.8	13.8	14.
15.2	45.9	4394.3	600.0	3.5	-60.3	239.7	17.6	8.7	15.3	319.3	319.7	0.2	2.5	14.9	15.
16.4	47.9	4731.1	575.0	-0.9	-36.5	237.7	18.9	9.4	16.4	319.1	320.2	0.3	4.7	16.1	16.
17.5	50.5	5067.7	550.0	-4.0	-52.5	212.1	19.8	10.9	15.9	319.3	319.5	0.1	1.0	17.4	17.
18.7	52.9	5404.2	525.0	-7.7	-40.2	215.0	16.7	9.6	13.7	319.2	320.0	0.2	5.4	18.5	19.
19.9	54.9	5423.4	500.0	-11.2	-33.6	212.7	16.8	9.1	14.1	319.4	320.9	0.4	13.8	19.7	19.
21.1	57.3	6214.3	475.0	-15.4	-27.6	212.0	16.0	8.5	13.5	318.9	321.7	0 8	34.2	20.9	20.
22.4	59.3	6522.5	450.0	-16.2	-60.2	222.7	12.2	8.2	8.9	322.9	323.0	0.0	1.0	22.0	21.
23.8	61.6	7354.2	425.0	-17.6	-61.1	255.4	4.3	4.1	1.1	326.5	326.5	0.0	1.0	22.4	22.
25.5	72.1	7503.3	400.0	-20.8	-63.2	250.0	1.8	1.7	0.6	327.9	328.0	0.0	1.0	22.5	22.
27.1	75.7	7874.8	375.0	-24.6	-65.5	251.8	2.7	2.6	0.9	329.1	329.2	0.0	1.0	2..8	23.
29.3	79.6	8279.2	350.0	-28.6	-68.3	263.5	5.7	5.1	2.5	330.2	330.2	0.0	1.0	2%.1	23.
31.3	83.3	9031.3	325.0	-32.9	-71.1	268.8	7.1	7.1	0.2	331.4	331.4	0.0	1.0	2: .6	25.
33.3	87.3	9554.6	300.0	-37.1	-73.9	279.6	8.2	8.1	-1.4	333.1	333.1	0.0	1.0	23.9	27.
35.2	91.7	3154.9	275.0	-42.4	99.9	276.1	6.7	6.7	-0.5	333.8	999.9	99.9	999.9	26.2	29.
37.6	96.2	13731.7	250.0	-47.5	99.9	276.7	7.7	7.7	-0.9	335.5	999.9	99.9	999.9	28.6	31.
41.3	1.0.9	11674.5	225.0	-52.6	99.9	275.3	11.4	11.3	-1.3	337.9	999.9	99.9	999.9	25.3	34.
43.9	109.	12233.9	200.0	-57.8	99.9	273.2	13.5	13.5	-0.7	341.2	999.9	99.9	999.9	26.4	38.
46.3	111.5	13345.1	175.0	-61.3	99.9	266.4	15.5	15.4	1.0	348.8	999.9	99.9	999.9	28.0	42.
49.4	117.5	14323.3	150.0	-62.4	99.9	251.6	21.6	20.5	6.8	367.8	999.9	99.9	999.9	31.3	46.
53.7	124.3	15139.5	125.0	-65.2	99.9	240.2	25.8	21.7	13.4	378.9	999.9	99.9	999.9	37.0	50.
58.7	131.7	15999.5	100.0	-68.1	99.9	224.9	23.0	16.3	16.3	396.1	999.9	99.9	999.9	46.5	50.
64.7	143.3	16217.5	75.0	-64.3	99.9	186.5	12.5	1.4	12.4	438.1	999.9	99.9	999.9	50.5	49.
72.9	153.0	20716.9	50.0	-61.6	99.9	119.2	6.0	-5.2	2.9	498.4	999.9	99.9	999.9	51.2	46.
85.8	169.0	25154.1	25.0	-66.0	99.9	48.8	9.3	-7.0	-6.1	660.6	999.9	99.9	999.9	47.1	44.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 247
LONGVIEW, TEXAS

10 MAY 1979
1100 GMT

100 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.6	124.0	993.7	23.3	21.4	150.0	4.1	-2.1	3.6	297.0	339.6	16.4	89.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	9.4	269.9	975.0	21.4	20.7	171.6	10.6	-1.6	10.7	298.7	338.2	16.0	95.0	0.3	347.
1.4	11.9	515.2	950.0	19.6	19.1	176.8	13.8	-0.8	13.7	297.1	335.9	14.9	97.2	0.9	352.
2.4	14.2	745.3	925.0	18.3	17.8	180.0	16.1	0.0	16.1	298.0	334.9	14.0	97.1	1.7	355.
3.2	16.5	980.5	900.0	17.0	16.3	188.3	16.8	2.6	17.8	299.1	333.8	13.1	95.5	2.8	357.
4.1	19.0	1222.3	875.0	19.3	11.6	200.2	20.6	7.1	19.3	303.8	330.9	9.9	61.1	3.8	3.
5.1	21.5	1471.8	850.0	18.0	12.9	206.1	20.6	9.0	18.5	305.0	335.4	11.1	72.1	4.8	8.
6.3	23.9	1727.0	825.0	15.6	12.4	211.1	20.8	10.8	17.9	308.1	335.4	11.1	81.3	6.2	13.
7.5	26.5	1989.3	800.0	13.2	12.4	213.0	19.2	10.4	16.1	305.2	336.5	11.4	95.3	7.6	17.
8.7	29.0	2254.7	775.0	11.1	9.1	214.4	19.3	10.9	15.9	305.8	331.9	9.4	87.1	8.9	19.
9.8	31.6	2530.5	750.0	10.3	-41.2	223.0	17.7	12.1	13.0	312.1	312.6	0.1	1.0	9.8	21.
10.8	34.2	2815.0	725.0	12.4	-42.3	227.8	15.4	11.4	10.3	313.0	313.5	0.1	1.0	10.9	23.
11.7	36.9	3107.8	700.0	11.2	-43.1	226.4	14.8	10.7	10.2	314.9	315.3	0.1	1.0	11.7	25.
12.9	39.7	3409.4	675.0	8.6	-44.7	224.1	15.3	10.7	11.0	315.3	315.6	0.1	1.0	12.7	27.
14.1	42.6	3719.6	650.0	5.9	-46.3	217.6	16.0	9.7	12.8	315.6	316.0	0.1	1.0	13.8	28.
15.5	45.3	4038.3	625.0	2.9	-48.2	210.1	17.0	8.5	14.7	315.8	316.1	0.1	1.0	15.1	29.
16.7	48.1	4366.8	600.0	0.5	-49.7	206.5	16.8	7.4	14.8	316.7	316.9	0.1	1.0	16.4	29.
18.0	51.1	4706.1	575.0	-2.7	-51.7	210.6	16.4	8.3	14.1	316.8	317.0	0.1	1.0	17.4	28.
19.3	54.0	5056.2	550.0	-5.9	-52.6	209.9	17.3	8.8	15.0	317.1	317.3	0.1	1.1	18.9	29.
20.5	57.1	5418.4	525.0	-9.1	-48.6	203.5	17.0	8.8	15.6	317.5	317.8	0.1	2.4	20.2	29.
21.7	60.3	5793.3	500.0	-12.5	-38.9	204.3	16.6	8.8	15.1	317.8	318.8	0.3	8.9	21.4	28.
23.1	63.5	6182.7	475.0	-15.1	-59.5	212.3	14.9	8.0	12.6	319.3	319.4	0.0	1.0	22.7	28.
24.6	66.9	6587.1	450.0	-17.7	-61.1	218.8	11.1	6.9	8.6	321.0	321.1	0.0	1.0	24.0	29.
26.2	70.2	7008.8	425.0	-18.5	-61.7	226.8	7.0	5.1	4.8	325.2	325.3	0.0	1.0	24.8	29.
27.8	73.9	7466.4	400.0	-21.5	-63.0	218.0	5.0	3.1	4.0	327.1	327.1	0.0	1.0	25.3	29.
29.4	77.4	7938.4	375.0	-25.5	-66.1	211.1	5.4	2.9	4.8	327.9	327.9	0.0	1.0	25.8	29.
31.2	81.2	8436.6	350.0	-29.5	-68.9	207.3	6.7	3.1	6.0	329.8	329.8	0.0	1.0	26.4	29.
33.1	85.2	8959.0	325.0	-33.9	-71.7	210.8	9.1	2.6	4.4	330.0	330.1	0.0	1.0	27.1	29.
35.4	89.3	9515.5	300.0	-37.7	-74.3	221.2	4.1	2.7	3.1	332.2	332.2	0.0	1.0	27.7	30.
37.5	93.7	10109.9	275.0	-42.3	99.9	223.1	5.8	3.8	4.1	336.8	999.9	99.9	999.9	28.3	30.
40.0	98.2	10747.5	250.0	-47.3	99.9	244.5	9.4	4.8	2.3	335.8	999.9	99.9	999.9	29.1	30.
42.8	103.9	11436.5	225.0	-52.4	99.9	268.8	6.4	6.4	0.1	338.3	999.9	99.9	999.9	29.6	31.
45.4	108.0	12191.1	200.0	-56.4	99.9	266.9	8.3	8.3	0.5	343.4	999.9	99.9	999.9	30.4	34.
48.7	113.8	13029.7	175.0	-60.8	99.9	258.0	15.5	15.1	3.2	349.6	999.9	99.9	999.9	31.7	36.
52.1	119.3	13986.8	150.0	-62.1	99.9	256.0	22.4	21.7	5.4	363.1	999.9	99.9	999.9	35.0	41.
56.1	126.3	15106.2	125.0	-65.4	99.9	246.9	23.6	21.7	9.2	376.6	999.9	99.9	999.9	40.0	45.
60.8	133.7	16455.0	100.0	-68.1	99.9	228.2	22.4	16.7	14.9	398.2	999.9	99.9	999.9	46.3	47.
66.4	142.0	18187.1	75.0	-64.2	99.9	202.1	11.5	4.3	10.7	438.3	999.9	99.9	999.9	51.7	47.
74.3	151.7	20691.5	50.0	-61.0	99.9	126.4	6.0	-4.8	3.5	498.8	999.9	99.9	999.9	58.5	44.
86.1	161.5	25137.7	25.0	-49.8	99.9	42.8	7.7	-5.1	-5.7	641.6	999.9	99.9	999.9	69.3	42.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEXAS

9 MAY 1979
1105 GMT

165 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	[illegible]	33.0	1001.0	22.2	21.0	152.0	7.2	-3.6	6.2	295.2	336.3	15.9	93.0	0.0	0.
0.1	6.0	65.2	1000.0	22.2	20.4	137.3	12.7	-8.6	9.3	295.4	335.0	15.3	89.6	0.3	316.
0.8	8.3	266.4	975.0	21.8	20.6	141.2	13.9	-8.7	10.9	297.1	338.0	15.7	91.9	0.6	317.
1.7	12.6	492.1	950.0	20.5	19.1	152.1	15.4	-7.2	13.6	298.0	336.9	14.8	91.7	1.3	322.
2.5	13.0	723.3	925.0	20.2	18.6	166.2	13.9	-2.9	13.6	300.0	339.1	14.8	90.6	2.1	327.
3.4	15.5	959.4	900.0	20.0	15.4	183.0	14.6	0.0	14.6	302.1	336.3	12.7	77.8	2.7	335.
4.3	17.9	1201.5	875.0	17.0	14.7	185.0	15.0	1.3	14.9	302.4	335.0	12.1	81.5	3.5	341.
5.1	20.4	1451.9	850.0	15.6	13.7	185.5	15.1	1.7	15.0	302.3	334.0	11.7	83.5	4.2	346.
5.9	22.9	1709.4	825.0	13.3	-30.9	183.9	14.9	0.2	14.9	302.7	309.1	2.3	19.1	4.9	349.
7.0	25.4	1967.3	800.0	21.1	-37.1	187.7	12.1	1.6	12.0	313.6	314.3	0.2	1.0	5.7	359.
8.2	27.9	2230.7	775.0	20.5	-37.4	203.2	11.7	4.6	10.7	315.8	316.5	0.2	1.0	6.3	353.
9.0	30.5	2502.2	750.0	18.8	-38.6	208.5	12.1	5.8	10.7	317.0	317.6	0.2	1.0	7.0	357.
10.3	33.1	2811.2	725.0	16.5	-39.8	205.0	12.9	5.5	11.7	317.5	318.1	0.2	1.0	7.6	360.
11.6	35.8	3137.8	700.0	13.9	-41.4	199.9	13.9	4.7	13.1	317.9	318.4	0.1	1.0	8.5	2.
12.3	38.5	3611.7	675.0	10.9	-43.3	203.4	12.6	5.0	11.5	317.8	318.3	0.1	1.0	9.3	4.
13.5	41.3	3726.3	650.0	8.1	-45.1	207.3	11.7	5.4	10.4	318.1	318.5	0.1	1.0	10.2	6.
14.7	44.2	4245.8	625.0	5.3	-46.7	210.9	11.2	5.1	10.0	318.5	318.8	0.1	1.0	10.9	7.
15.9	47.1	4579.7	600.0	2.4	-48.5	212.9	9.1	4.9	7.6	318.9	319.2	0.1	1.0	11.6	8.
17.1	50.0	4918.4	575.0	0.0	-49.9	219.1	9.3	5.7	7.3	320.0	320.3	0.1	1.0	12.3	10.
18.3	53.0	5262.8	550.0	-3.1	-51.9	222.1	10.3	6.9	7.6	320.4	320.6	0.1	1.0	12.8	11.
19.4	56.1	5617.7	525.0	-6.6	-54.1	221.6	11.2	7.4	8.4	320.4	320.6	0.0	1.0	13.4	13.
20.6	59.3	5985.9	500.0	-10.4	-56.5	223.7	11.6	8.0	8.4	320.4	320.6	0.0	1.0	14.1	15.
21.8	62.6	6367.0	475.0	-14.3	-46.5	225.8	11.4	8.2	7.9	320.3	321.7	0.1	4.8	15.0	17.
23.5	67.3	6916.7	450.0	-18.2	-42.9	230.3	11.4	8.8	7.3	320.4	321.3	0.2	11.6	15.9	18.
24.9	69.6	7219.7	425.0	-20.9	-65.3	232.8	9.0	7.1	5.4	322.2	322.2	0.0	1.0	16.5	20.
26.3	72.4	7444.8	400.0	-24.3	-65.4	227.5	10.1	7.5	6.8	323.5	323.5	0.0	1.0	17.2	21.
27.1	74.7	7653.2	375.0	-26.4	-66.8	226.6	12.9	9.4	8.9	326.7	326.8	0.0	1.0	18.3	23.
27.7	8.4	7844.3	350.0	-30.0	-69.1	230.5	11.8	9.1	7.5	328.4	328.4	0.0	1.0	19.5	25.
31.6	84.5	8472.1	325.0	-33.9	-71.5	233.4	11.2	9.0	6.7	329.9	329.9	0.0	1.0	20.5	26.
33.6	88.7	8828.5	300.0	-37.7	-74.3	232.0	13.5	10.3	8.7	332.2	332.3	0.0	1.0	21.9	29.
35.6	93.0	10123.5	275.0	-41.5	99.9	238.3	19.3	16.4	10.2	335.1	999.9	99.9	999.9	23.7	33.
37.8	97.9	13765.2	250.0	-45.5	99.9	241.1	23.0	20.2	11.1	338.5	999.9	99.9	999.9	26.1	33.
40.1	102.6	11454.3	225.0	-51.0	99.9	241.4	23.5	20.7	11.3	340.3	999.9	99.9	999.9	29.0	36.
42.7	108.0	14218.1	200.0	-54.7	99.9	242.8	26.5	23.6	12.1	346.1	999.9	99.9	999.9	32.6	39.
45.8	113.9	13366.7	175.0	-58.6	99.9	238.4	27.6	23.5	14.5	353.1	999.9	99.9	999.9	36.9	42.
48.7	120.3	16227.5	150.0	-61.4	99.9	240.0	29.4	25.5	14.7	364.3	999.9	99.9	999.9	42.0	44.
52.3	127.3	15151.9	125.0	-63.2	99.9	236.3	24.8	20.6	13.7	380.5	999.9	99.9	999.9	48.8	46.
56.7	135.3	16506.2	100.0	-66.3	99.9	229.3	22.3	16.9	14.5	399.6	999.9	99.9	999.9	54.1	47.
61.7	144.5	18229.3	75.0	-67.5	99.9	190.3	12.4	2.2	12.2	431.4	999.9	99.9	999.9	59.2	46.
9.1	154.7	22717.5	50.0	-59.5	99.9	133.1	8.1	-4.4	6.2	503.4	999.9	99.9	999.9	59.9	43.
10.2	165.0	25178.9	25.0	-47.2	99.9	98.8	13.1	-12.9	2.0	648.9	999.9	99.9	999.9	56.6	39.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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STATION NO. 255
VICTORIA, TEXAS

* MAY 1979
1405 GMT

148 59. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.6	33.9	1002.3	23.3	21.6	150.0	7.7	-3.9	6.7	296.3	338.8	16.4	90.0	0.9	0.
0.1	6.8	53.2	1000.9	24.0	22.3	149.7	9.3	-4.7	8.0	297.1	342.0	17.3	90.4	0.2	346.
0.9	9.2	276.3	975.0	23.0	22.1	151.9	11.0	-5.6	10.2	298.3	344.1	17.5	96.0	0.7	332.
1.7	11.6	503.	950.0	21.5	20.7	151.4	12.5	-6.0	11.9	299.0	343.3	18.5	95.3	1.3	333.
2.5	14.0	734.6	925.0	19.9	19.0	151.9	13.7	-6.9	13.6	299.8	337.2	18.2	89.9	1.9	330.
3.2	16.5	972.5	900.0	20.6	19.6	175.8	14.7	-1.2	14.6	302.8	343.4	19.2	87.9	2.5	342.
4.1	19.0	1216.4	875.0	19.3	18.4	177.3	15.2	-1.0	15.2	303.8	343.4	19.5	93.2	3.2	349.
4.9	21.4	1465.0	850.0	17.6	16.9	174.9	15.5	-1.4	15.4	304.4	343.9	19.5	92.7	4.0	347.
5.8	24.0	1721.0	825.0	17.5	9.1	189.3	15.4	2.5	15.2	307.1	332.3	9.0	58.6	4.8	349.
6.7	26.6	1985.5	800.0	20.0	-15.2	198.1	17.6	5.5	16.8	312.5	317.7	1.7	9.3	5.6	353.
7.5	29.2	2256.2	775.0	20.0	-37.7	197.6	15.6	4.7	14.9	315.4	316.0	0.2	1.0	6.4	357.
8.4	31.9	2533.5	750.0	19.5	-39.0	198.3	13.4	4.2	12.5	317.7	318.4	0.2	1.0	7.2	359.
9.5	34.6	2529.3	725.0	17.5	-39.2	199.5	12.8	4.3	12.1	318.7	319.3	0.2	1.0	7.9	1.
10.6	37.3	2823.7	700.0	14.8	-40.9	198.8	13.1	4.2	12.4	318.8	319.4	0.1	1.0	8.7	3.
11.6	40.0	3123.4	675.0	12.0	-34.8	204.1	12.2	5.0	11.1	319.1	320.5	0.4	3.0	9.5	4.
12.5	42.6	3745.5	650.0	9.6	-28.5	205.6	11.9	5.1	10.8	319.9	322.2	0.7	5.9	10.2	6.
13.9	45.8	4056.9	625.0	6.6	-18.9	196.6	10.9	2.5	9.7	320.0	324.5	1.6	14.4	11.0	7.
15.3	49.0	4401.9	600.0	3.4	-19.1	199.8	9.6	3.3	9.1	320.1	324.7	1.4	17.3	11.6	7.
16.2	51.6	4745.0	575.0	0.1	-17.3	206.0	9.6	4.2	8.8	320.1	325.6	1.7	25.6	12.2	8.
17.4	54.5	5092.3	550.0	-3.1	-17.7	199.5	10.2	3.4	9.6	320.4	326.2	1.8	32.6	12.9	9.
18.7	57.3	5464.7	525.0	-6.2	-52.0	211.2	10.7	5.8	9.2	321.0	321.8	0.1	1.5	13.7	10.
19.9	61.1	5863.9	500.0	-9.7	-56.1	214.5	11.2	6.4	9.2	321.2	321.4	0.0	1.0	14.5	11.
21.2	64.4	6236.7	475.0	-13.5	-65.7	218.0	10.8	6.7	8.5	321.3	321.8	0.1	4.8	15.2	12.
22.5	67.9	6647.8	450.0	-17.5	-60.1	221.6	11.1	7.4	8.3	321.3	322.2	0.3	11.9	16.1	14.
24.0	71.3	7071.1	425.0	-19.5	-62.1	229.5	10.5	8.0	6.9	324.0	324.1	0.0	1.0	16.8	16.
25.6	74.9	7519.0	400.0	-22.3	-64.1	234.2	11.0	9.4	5.4	326.1	326.1	0.0	1.0	17.6	17.
27.1	78.7	7983.6	375.0	-26.2	-66.7	237.8	11.5	9.5	3.5	326.9	327.0	0.0	1.0	18.5	17.
28.8	82.5	8495.3	350.0	-29.3	-68.7	243.7	11.2	9.3	6.2	329.3	329.4	0.0	1.0	19.9	18.
30.9	87.5	9016.5	325.0	-33.4	-71.4	227.5	12.6	9.1	8.4	330.6	330.6	0.0	1.0	21.1	19.
32.9	92.9	9570.0	300.0	-36.3	-73.3	240.3	15.9	14.7	8.4	334.2	334.3	0.0	1.0	22.4	21.
34.5	95.2	10188.9	275.0	-40.4	99.9	241.0	19.6	17.1	9.5	336.7	999.9	99.9	999.9	24.1	25.
36.9	100.0	10811.9	250.0	-44.9	99.9	234.2	27.3	19.0	11.8	339.6	999.9	99.9	999.9	26.1	28.
39.2	105.0	11504.0	225.0	-50.1	99.9	238.0	22.1	18.8	11.7	341.7	999.9	99.9	999.9	29.1	31.
41.7	110.3	12273.5	200.0	-53.7	99.9	239.1	24.5	21.0	12.6	345.7	999.9	99.9	999.9	32.4	34.
44.5	116.0	13129.9	175.0	-57.0	99.9	238.5	27.2	23.3	14.3	355.9	999.9	99.9	999.9	36.4	37.
47.4	122.5	14093.9	150.0	-60.3	99.9	241.2	27.6	23.2	13.3	366.2	999.9	99.9	999.9	41.4	40.
51.5	129.5	15210.0	125.0	-63.7	99.9	240.6	23.7	19.8	13.1	373.6	999.9	99.9	999.9	47.2	43.
56.2	137.7	16571.9	100.0	-65.7	99.9	225.7	20.7	14.8	13.5	400.8	999.9	99.9	999.9	55.0	46.
61.5	146.7	18134.9	75.0	-66.5	99.9	999.9	99.9	99.9	99.9	433.6	999.9	99.9	999.9	58.0	43.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR RISE HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEXAS

9 MAY 1973
1705 GMT

164 15. 0

TEMP MB	GMPOT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
1000.	6.6	93.	1000.0	25.8	22.2	170.	7.7	-1.3	7.6	299.8	344.8	17.1	78.	0.0	0.
994.	6.8	514.	994.0	25.5	22.3	999.9	99.9	99.9	99.9	299.7	344.9	17.2	77.	999.9	999.
990.	7.1	875.	990.0	24.2	21.8	999.9	99.9	99.9	99.9	299.5	344.6	17.2	86.	999.9	999.
985.	11.5	1240.	985.0	23.4	23.4	999.9	99.9	99.9	99.9	299.9	345.1	18.1	93.	999.9	999.
979.	14.0	1614.	979.0	23.8	19.9	171.7	11.6	-1.7	11.5	300.6	343.0	16.0	90.	1.4	336.
974.	15.5	1973.	974.0	23.2	14.4	193.6	14.2	0.1	14.2	302.4	342.5	15.0	82.	2.5	341.
969.	14.9	2329.	969.0	19.7	17.3	177.6	15.5	-0.6	15.5	303.3	341.9	14.4	91.	3.1	345.
964.	13.4	2687.	964.0	19.1	16.1	173.4	15.7	-2.6	15.5	304.1	341.1	13.7	93.	4.3	347.
959.	14.0	3047.	959.0	19.6	14.3	171.9	14.9	-2.3	14.7	305.1	339.2	12.5	91.	4.9	347.
954.	14.6	3407.	954.0	19.7	10.1	169.7	15.6	2.6	15.4	311.1	327.6	5.8	38.	5.7	349.
949.	14.2	3767.	949.0	19.8	-13.8	233.3	16.6	5.7	15.5	315.1	321.9	2.2	21.	6.6	353.
944.	11.9	4127.	944.0	19.3	-15.0	195.7	16.9	4.6	16.3	316.5	321.6	1.6	9.	7.5	357.
939.	10.5	4487.	939.0	19.6	-16.9	168.9	15.2	3.9	14.7	317.6	322.2	1.4	9.	8.5	359.
934.	9.3	4847.	934.0	18.4	-17.3	192.1	13.6	2.9	13.3	319.0	324.4	1.7	11.	9.3	0.
929.	8.1	5207.	929.0	17.0	-15.4	199.2	10.8	1.7	10.7	320.3	325.8	1.7	12.	10.3	1.
924.	6.9	5567.	924.0	15.9	-17.5	186.7	11.0	1.3	10.9	320.8	325.1	1.5	12.	10.8	1.
919.	5.9	5927.	919.0	15.2	-18.5	186.9	11.1	1.3	11.0	321.7	325.0	1.3	12.	11.4	2.
914.	4.9	6287.	914.0	14.2	-20.1	192.9	10.9	2.2	10.5	321.9	324.1	0.9	10.	12.2	2.
909.	4.3	6647.	909.0	13.8	-20.5	197.0	11.6	3.4	11.1	321.9	323.3	0.6	9.	12.9	3.
904.	3.8	7007.	904.0	12.5	-21.5	199.3	11.4	3.8	10.7	321.1	322.8	0.5	9.	13.7	4.
899.	3.3	7367.	899.0	11.0	-21.1	204.9	11.2	4.7	10.2	321.2	323.1	0.5	11.	14.6	5.
894.	2.6	7727.	894.0	10.0	-22.3	211.6	11.4	5.9	9.7	321.1	323.0	0.5	13.	15.4	6.
889.	2.0	8087.	889.0	8.7	-23.1	214.7	12.1	6.9	10.0	321.1	323.0	0.5	19.	16.3	8.
884.	1.4	8447.	884.0	7.6	-25.6	220.2	12.7	8.9	9.1	322.1	323.5	0.4	17.	17.2	9.
879.	0.5	8807.	879.0	6.4	-26.5	231.6	11.1	8.7	6.9	324.1	324.4	0.1	4.	18.2	12.
874.	0.3	9167.	874.0	5.3	-25.8	212.1	9.5	5.1	8.1	325.4	326.1	0.1	5.	19.4	13.
869.	0.3	9527.	869.0	4.3	-27.1	-51.2	7.7	6.1	6.5	326.4	327.1	0.1	5.	20.4	14.
864.	0.3	9887.	864.0	3.2	-26.2	-50.3	214.7	13.5	8.5	10.5	327.4	327.6	0.1	6.1	21.9	15.
859.	0.4	10247.	859.0	2.2	-32.2	-50.9	223.8	15.6	10.8	11.3	332.2	332.5	0.1	6.5	22.2	17.
854.	0.4	10607.	854.0	1.2	-37.6	-59.0	231.0	19.8	14.6	11.8	335.3	335.6	0.0	6.9	23.9	19.
850.	0.7	10877.	850.0	0.7	-39.4	99.9	236.3	21.0	17.4	11.6	337.4	999.9	99.9	999.9	25.7	22.
845.	1.2	11327.	845.0	-0.7	-47.3	99.9	239.2	21.6	18.5	11.9	338.7	999.9	99.9	999.9	27.9	25.
840.	1.3	11687.	840.0	-2.0	-52.9	99.9	241.7	22.1	19.5	10.5	341.9	999.9	99.9	999.9	30.3	28.
835.	1.1	12047.	835.0	-3.1	-54.1	99.9	239.3	23.6	20.3	12.1	347.2	999.9	99.9	999.9	32.8	31.
830.	1.0	12407.	830.0	-4.2	-57.2	99.9	237.8	24.5	20.1	15.2	355.5	999.9	99.9	999.9	35.8	34.
825.	1.1	12767.	825.0	-5.3	-57.2	99.9	238.5	23.3	20.0	15.3	366.1	999.9	99.9	999.9	41.7	37.
820.	1.3	13127.	820.0	-6.2	-57.2	99.9	235.9	24.4	20.2	13.6	382.3	999.9	99.9	999.9	47.1	40.
815.	1.4	13487.	815.0	-6.1	-56.1	99.9	225.8	21.9	16.5	14.4	400.0	999.9	99.9	999.9	52.5	43.
810.	1.4	13847.	810.0	-6.5	-56.5	99.9	194.9	12.4	1.1	12.4	433.5	999.9	99.9	999.9	57.5	41.
805.	1.7	14207.	805.0	-7.3	-57.3	99.9	120.0	8.0	-6.9	4.0	538.4	999.9	99.9	999.9	59.5	38.
777.	185.7	25326.0	25.0	-69.0	99.9	92.2	8.6	-8.6	0.3	647.2	999.9	99.9	999.9	57.6	33.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEXAS

9 MAY 1979
2005 GMT

164 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.5	33.0	1000.4	20.3	23.0	170.0	9.3	-1.6	9.2	301.4	349.0	18.0	73.0	0.0	0.
0.0	6.5	36.6	1000.0	20.3	23.1	999.9	99.9	99.9	99.9	301.8	349.4	18.1	73.5	999.9	999.
0.9	8.9	261.9	975.0	25.9	24.0	999.9	99.9	99.9	99.9	301.2	353.0	19.6	89.2	999.9	999.
1.6	11.3	491.0	950.0	23.7	22.8	999.9	99.9	99.9	99.9	301.2	350.8	18.7	90.7	999.9	999.
2.3	13.7	724.5	925.0	21.7	20.9	161.0	10.1	-3.1	9.6	301.8	346.9	17.2	95.7	1.2	336.
3.3	16.2	962.7	900.0	19.9	19.0	165.5	10.9	-2.7	10.6	302.0	343.7	15.6	94.0	1.0	339.
4.2	18.6	1206.4	875.0	18.8	17.9	173.6	11.3	-1.3	11.2	303.3	343.5	15.0	94.0	2.5	341.
5.1	21.1	1455.7	850.0	17.6	16.7	184.4	11.1	0.8	11.1	304.6	343.0	14.2	94.4	3.1	345.
6.1	23.7	1711.1	825.0	15.7	13.8	192.2	12.3	2.6	12.0	305.2	338.3	12.1	88.2	3.7	349.
7.1	26.2	1972.7	800.0	15.1	1.5	192.4	13.0	2.8	12.7	307.3	332.8	9.3	71.6	4.4	353.
8.2	28.9	2244.9	775.0	21.3	-36.9	194.3	12.9	3.2	12.5	316.7	317.5	0.2	1.9	5.2	356.
9.2	31.6	2526.9	750.0	19.5	-38.0	201.7	13.2	4.9	12.3	317.7	318.4	0.2	1.8	6.0	359.
10.2	34.2	2816.6	725.0	17.6	-39.3	209.8	13.6	6.8	11.8	318.6	319.2	0.2	1.8	6.7	2.
11.2	37.0	3113.9	700.0	16.8	-40.9	212.6	13.6	7.3	11.5	318.9	319.4	0.1	1.8	7.4	5.
12.3	39.8	3419.6	675.0	12.8	-42.1	209.6	13.4	6.6	11.7	320.0	320.5	0.1	1.8	8.2	8.
13.4	42.6	3734.3	650.0	10.2	-43.7	206.4	13.8	5.7	12.6	320.5	320.9	0.1	1.8	9.1	10.
14.6	45.6	4058.6	625.0	7.4	-45.4	198.8	13.4	4.3	12.7	320.9	321.3	0.1	1.8	10.0	11.
15.7	48.6	4391.9	600.0	6.2	-43.0	193.0	13.4	3.0	13.0	320.9	321.5	0.1	1.8	10.9	12.
16.9	51.6	4735.8	575.0	5.1	-49.3	192.5	12.7	2.7	12.4	321.3	321.8	0.1	1.8	11.9	12.
18.2	54.6	5091.0	550.0	-1.9	-51.1	199.3	13.1	4.3	12.4	321.9	322.1	0.1	1.8	12.8	12.
19.4	57.8	5458.4	525.0	-5.4	-53.4	205.9	14.0	6.1	12.6	321.9	322.1	0.0	1.8	13.8	13.
20.7	61.0	5838.6	500.0	-8.9	-50.4	206.3	15.2	6.8	13.7	322.2	322.5	0.1	1.9	14.9	14.
22.2	64.1	6232.9	475.0	-12.6	-39.3	205.5	15.8	6.9	13.5	322.6	323.4	0.3	8.5	16.2	15.
23.6	67.6	6642.3	450.0	-16.9	-35.2	204.6	16.6	6.9	15.1	322.9	323.5	0.4	18.7	17.5	15.
25.1	71.0	7069.1	425.0	-19.4	-62.3	217.1	14.0	8.5	11.2	324.1	324.2	0.0	1.8	18.9	16.
26.7	74.7	7516.8	400.0	-22.6	-64.4	222.7	13.8	9.3	10.1	325.3	325.6	0.0	1.8	20.8	18.
28.2	78.4	7989.0	375.0	-26.8	-65.3	234.4	14.4	11.7	8.4	329.8	329.9	0.0	1.8	21.2	20.
29.9	82.3	8488.2	350.0	-27.6	-67.6	241.1	14.8	12.2	8.7	331.6	331.6	0.0	1.8	22.3	22.
31.6	86.3	9017.9	325.0	-31.5	-70.1	244.6	16.4	14.8	7.1	333.3	333.3	0.0	1.8	23.5	24.
33.6	90.7	9576.9	300.0	-35.7	-73.0	248.9	18.6	17.4	6.7	335.0	335.1	0.0	1.8	25.0	28.
35.6	95.2	10180.0	275.0	-39.6	99.9	246.5	21.6	19.5	9.3	337.9	999.9	99.9	999.9	26.9	31.
37.6	99.8	10823.6	250.0	-45.2	99.9	244.0	22.8	20.5	10.0	338.8	999.9	99.9	999.9	29.3	34.
40.0	104.9	11519.1	225.0	-49.9	99.9	243.3	23.0	20.5	10.3	342.8	999.9	99.9	999.9	32.0	37.
42.4	110.3	12281.1	200.0	-54.4	99.9	241.9	24.1	21.3	11.4	346.6	999.9	99.9	999.9	35.4	39.
45.7	116.3	13130.0	175.0	-57.3	99.9	242.1	29.7	26.2	13.9	355.1	999.9	99.9	999.9	39.5	42.
48.2	122.5	14101.8	150.0	-59.8	99.9	245.7	31.6	28.8	13.8	368.5	999.9	99.9	999.9	44.5	44.
51.6	129.7	15235.3	125.0	-62.3	99.9	239.6	28.5	22.9	13.4	382.2	999.9	99.9	999.9	50.4	47.
55.5	137.3	16602.4	100.0	-65.7	99.9	228.6	17.2	12.9	11.4	400.7	999.9	99.9	999.9	55.5	47.
60.5	146.0	18334.2	75.0	-69.0	99.9	197.2	12.5	3.7	11.9	426.2	999.9	99.9	999.9	59.7	47.
67.4	155.3	20818.7	50.0	-59.1	99.9	130.9	8.2	-6.2	5.4	504.4	999.9	99.9	999.9	62.1	44.
78.2	164.5	25294.3	25.0	-67.0	99.9	999.9	99.9	99.9	99.9	649.8	999.9	99.9	999.9	59.2	41.

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STATION NO. 255
VICTORIA, TEXAS

10 MAY 1979
305 GMT

162 11. 9

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	4.2	33.0	1000.9	24.7	23.3	120.0	5.1	-4.4	2.5	297.8	345.5	18.3	92.0	0.0	0.
0.0	4.3	41.0	1000.0	24.6	23.3	121.7	5.7	-4.8	3.0	297.8	345.4	18.3	92.3	0.0	355.
0.6	8.5	263.6	975.0	23.3	22.5	141.1	11.2	-7.0	8.7	298.6	345.4	17.9	95.1	0.5	308.
1.5	10.9	491.5	950.0	23.5	22.5	154.4	11.9	-5.2	10.8	301.1	349.7	18.6	94.1	1.1	318.
2.4	13.3	725.2	925.0	21.6	20.8	157.5	10.4	-4.0	9.6	301.6	348.4	17.8	94.9	1.7	326.
3.3	15.6	963.5	900.0	20.7	19.5	160.1	11.6	-3.9	10.7	302.8	345.7	16.1	92.9	2.2	329.
4.2	18.1	1209.5	875.0	20.8	19.6	161.6	16.3	-5.1	15.4	303.4	350.3	16.8	92.8	3.0	332.
5.0	20.6	1459.7	850.0	18.8	17.9	167.4	17.3	-3.8	16.9	305.9	347.6	15.4	94.4	3.8	334.
5.8	23.1	1710.8	825.0	17.8	9.8	177.4	15.6	-0.7	15.4	307.4	340.1	11.9	76.8	4.6	338.
6.7	25.6	1981.6	800.0	21.9	-37.1	186.2	11.5	1.2	11.4	313.5	314.2	0.2	1.0	5.3	341.
7.7	28.1	2256.5	775.0	19.3	-38.1	187.2	11.5	1.4	11.4	314.6	315.2	0.2	1.0	5.8	343.
8.7	30.7	2535.2	750.0	18.4	-38.7	187.1	13.7	1.7	13.6	316.6	317.2	0.2	1.0	6.5	346.
9.7	33.3	2823.9	725.0	16.6	-39.8	194.5	12.7	3.2	12.3	317.6	318.2	0.2	1.0	7.3	349.
10.9	36.0	3120.4	700.0	14.3	-41.1	202.3	14.4	5.5	13.3	318.4	318.9	0.1	1.0	8.1	352.
12.0	38.7	3425.6	675.0	12.0	-42.5	204.2	16.3	6.7	14.9	319.1	319.6	0.1	1.0	8.9	355.
13.3	41.4	3739.3	650.0	9.1	-44.3	202.4	16.8	6.1	14.8	319.3	319.7	0.1	1.0	9.9	358.
14.1	44.2	4061.9	625.0	6.4	-46.0	205.1	16.3	6.9	14.7	319.8	320.1	0.1	1.0	10.8	0.
15.3	47.1	4394.2	600.0	3.5	-47.8	208.2	16.8	8.5	15.9	320.2	320.5	0.1	1.0	11.9	3.
16.5	50.1	4737.7	575.0	0.9	-49.4	208.6	19.4	9.3	17.8	321.1	321.3	0.1	1.0	13.1	6.
17.9	53.1	5092.2	553.0	-2.7	-51.4	209.8	20.4	8.5	18.8	320.9	321.1	0.1	1.0	14.6	8.
19.2	56.1	5458.5	525.0	-6.2	-39.5	200.0	19.7	6.7	18.5	321.0	321.9	0.2	5.2	16.1	9.
20.5	59.4	5837.5	500.0	-9.8	-35.2	201.6	18.4	6.7	17.1	321.1	322.6	0.4	11.7	17.7	10.
21.9	62.6	6231.2	475.0	-12.5	-57.8	211.5	16.3	8.6	13.9	322.6	322.7	0.0	1.0	19.0	11.
23.0	65.9	6641.8	450.0	-14.6	-59.2	226.4	16.3	11.8	11.2	324.9	325.0	0.0	1.0	20.1	13.
24.5	69.3	7072.4	425.0	-17.7	-61.2	240.5	13.3	11.6	6.5	326.3	326.4	0.0	1.0	21.1	15.
26.4	72.9	7523.9	400.0	-19.9	-62.6	263.1	10.4	9.3	4.7	329.2	329.2	0.0	1.0	22.0	18.
28.1	76.5	8000.0	375.0	-23.3	-64.8	253.7	8.4	8.1	2.4	330.8	330.8	0.0	1.0	22.6	20.
29.9	80.3	8500.8	350.8	-27.3	-67.4	252.4	8.0	7.6	2.4	332.0	332.0	0.0	1.0	23.1	21.
31.7	84.3	9029.1	325.0	-32.2	-70.6	249.1	10.8	10.1	3.8	332.3	332.4	0.0	1.0	23.7	23.
33.5	88.5	9599.0	300.0	-36.7	-73.6	251.6	14.6	13.9	4.6	333.7	333.7	0.0	1.0	24.7	25.
35.4	92.7	12196.1	275.0	-41.1	99.9	252.2	18.4	17.5	5.6	335.7	999.9	99.9	999.9	26.0	28.
37.6	97.4	13825.9	250.0	-46.1	99.9	251.5	18.9	17.9	6.0	337.5	999.9	99.9	999.9	27.9	32.
40.0	102.4	11519.6	225.0	-50.6	99.9	252.6	22.9	21.9	6.9	340.9	999.9	99.9	999.9	30.2	36.
42.3	107.6	12281.8	200.0	-54.0	99.9	251.6	28.6	29.2	8.4	347.2	999.9	99.9	999.9	33.2	39.
45.1	113.4	13127.2	175.0	-57.5	99.9	251.9	26.3	25.0	8.2	355.9	999.9	99.9	999.9	36.8	43.
48.5	119.8	14097.2	150.0	-59.7	99.9	245.3	30.6	27.6	12.7	367.3	999.9	99.9	999.9	42.0	46.
51.8	126.5	15220.0	125.0	-64.3	99.9	245.5	23.4	21.3	9.7	370.5	999.9	99.9	999.9	47.3	49.
55.8	134.3	16577.5	100.0	-69.6	99.9	225.8	16.2	11.6	11.3	383.2	999.9	99.9	999.9	51.9	49.
60.4	143.9	19278.9	75.0	-73.0	99.9	281.4	12.7	6.6	11.8	419.8	999.9	99.9	999.9	55.7	48.
67.5	152.3	23754.3	50.0	-62.8	99.9	126.3	6.5	-5.2	3.9	495.7	999.9	99.9	999.9	58.8	46.
78.9	162.3	25199.9	25.0	-55.3	99.9	999.9	99.9	99.9	99.9	660.9	999.9	99.9	999.9	62.1	42.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 255
VICTORIA, TEXAS

10 MAY 1979
505 GMT

105 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
.0	6.2	33.0	1002.0	24.6	23.7	135.0	5.7	-4.0	4.0	297.6	346.4	18.8	95.0	0.0	0.
0.0	6.4	53.7	1000.0	24.6	24.0	137.6	7.9	-5.3	5.8	297.8	347.6	19.2	95.5	0.1	353.
0.8	6.7	273.6	975.0	23.5	23.5	148.0	13.9	-7.4	11.8	298.8	348.7	19.1	100.9	0.6	323.
1.5	11.1	521.5	950.0	22.4	22.4	156.5	14.1	-5.6	12.9	300.0	349.1	18.3	100.7	1.2	328.
2.4	13.5	738.4	925.0	21.1	21.1	160.5	14.1	-4.7	13.3	300.9	344.6	17.3	100.5	1.9	332.
3.3	15.9	972.3	900.0	20.3	16.9	161.7	15.3	-4.8	14.5	302.5	338.8	13.5	80.0	2.6	335.
4.1	19.3	1215.7	875.0	23.7	15.1	166.7	17.7	-4.1	17.2	325.3	339.2	12.4	70.2	3.5	337.
5.0	22.8	1457.9	850.0	17.8	16.0	172.3	18.2	-2.4	18.1	306.6	343.9	13.6	80.1	4.4	340.
.4	23.3	1728.4	825.0	17.9	16.2	182.5	16.7	0.7	16.7	307.5	346.5	14.2	90.1	5.3	343.
6.4	25.0	1997.7	800.0	15.6	2.3	186.8	14.6	1.2	14.5	307.8	326.5	5.8	41.4	6.1	346.
7.7	24.3	2256.3	775.0	14.4	-39.9	190.6	14.0	2.6	13.7	311.5	312.0	0.2	1.0	6.8	348.
8.7	31.0	2534.7	750.0	15.8	-40.3	198.4	13.4	4.2	12.7	313.7	314.2	0.1	1.0	7.5	351.
9.7	33.5	2812.6	725.0	13.5	-41.7	198.2	14.0	4.4	13.3	314.2	314.7	0.1	1.0	8.3	354.
1 .7	36.3	3111.3	700.0	13.2	-41.8	202.3	14.4	5.5	13.3	317.1	317.6	0.1	1.0	9.1	356.
11.8	39.0	3414.2	675.0	10.8	-43.3	213.9	15.1	7.8	13.0	317.7	318.2	0.1	1.0	9.9	359.
12.4	41.4	3711.7	650.0	9.4	-44.8	214.0	16.5	9.2	13.7	318.5	319.0	0.1	1.0	10.8	2.
14.2	44.6	4033.5	625.0	5.4	-46.6	213.2	17.9	9.8	15.0	318.6	318.9	0.1	1.0	11.8	5.
15.1	47.5	4348.5	600.0	2.3	-46.6	215.1	18.8	10.8	15.4	318.7	319.0	0.1	1.0	12.8	7.
16.3	5 .5	4727.4	575.0	-0.6	-50.3	211.3	21.3	11.1	18.2	319.3	319.6	0.1	1.0	14.1	10.
17.5	53.5	5078.2	550.0	-3.7	-52.3	206.5	22.5	10.0	20.2	319.7	319.9	0.1	1.0	15.7	12.
18.8	56.6	5446.3	525.0	-6.9	-54.3	205.9	21.0	9.2	18.9	320.1	320.3	0.0	1.0	17.4	13.
1 .3	5 .9	5822.4	500.0	-9.6	-56.0	239.9	19.1	9.5	16.6	321.3	321.5	0.0	1.0	18.8	14.
21.2	61.0	6215.9	475.0	-11.7	-57.3	226.3	13.9	10.1	9.6	323.5	323.6	0.0	1.0	19.9	16.
21.6	61.3	6622.1	450.0	-14.1	-58.6	243.4	8.9	8.3	3.1	325.5	325.6	0.0	1.0	20.6	17.
21.1	64.7	7036.3	425.0	-17.0	-60.7	245.9	9.7	8.9	4.0	327.2	327.3	0.0	1.0	21.0	19.
21.5	77.3	7512.3	400.0	-20.4	-62.9	254.8	7.5	7.2	2.0	328.4	328.5	0.0	1.0	21.6	21.
22.2	74.9	7999.4	375.0	-23.8	-65.1	261.7	5.1	5.1	0.7	330.1	330.1	0.0	1.0	21.9	22.
22.9	8 .7	8495.9	350.0	-28.2	-68.0	253.4	5.5	5.3	1.6	330.8	330.8	0.0	1.0	22.2	23.
23.7	86.6	9013.1	325.0	-32.6	-70.9	252.1	7.1	6.7	2.2	331.8	331.9	0.0	1.0	22.6	24.
24.7	89.7	9572.3	300.0	-37.0	-73.4	255.0	11.8	11.4	3.1	333.2	333.2	0.0	1.0	23.3	26.
26.9	93.0	10156.9	275.0	-42.3	99.9	256.1	15.3	14.7	4.2	334.0	999.9	99.9	999.9	24.6	29.
27.2	97.6	10806.0	250.0	-46.7	99.9	255.7	17.7	17.2	4.4	336.7	999.9	99.9	999.9	26.3	33.
29.5	102.4	11489.4	225.0	-50.9	99.9	258.1	16.9	16.6	3.5	340.5	999.9	99.9	999.9	28.2	37.
42.3	107.5	12257.1	200.0	-55.0	99.9	251.1	21.0	19.9	6.8	345.7	999.9	99.9	999.9	30.6	40.
45.4	113.0	13124.5	175.0	-56.9	99.9	249.2	26.0	24.3	9.2	356.0	999.9	99.9	999.9	34.4	44.
44.4	119.3	14072.1	150.0	-60.7	99.9	247.8	30.2	28.0	11.4	365.5	999.9	99.9	999.9	40.1	47.
52.8	126.0	15096.5	125.0	-65.0	99.9	243.6	24.3	21.8	10.8	377.3	999.9	99.9	999.9	46.4	50.
57.2	133.7	16249.6	100.0	-70.3	99.9	226.7	18.1	13.1	12.4	392.0	999.9	99.9	999.9	51.6	50.
62.3	142.7	17541.5	75.0	-69.4	99.9	194.7	11.4	2.9	11.1	429.6	999.9	99.9	999.9	56.5	50.
69.6	153.0	21725.6	50.0	-59.5	99.9	116.3	6.8	-6.1	3.0	503.2	999.9	99.9	999.9	57.8	47.
81.9	164.5	22186.7	25.0	-49.6	99.9	999.9	99.9	99.9	99.9	642.2	999.9	99.9	999.9	51.3	42.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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STATION NO. 255
VICTORIA, TEXAS

10 MAY 1979
805 GMT

162 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	33.0	1001.3	24.6	24.1	150.0	5.1	-2.6	4.4	297.6	347.6	19.2	97.0	0.0	0.
0.0	6.5	46.5	1000.0	24.6	24.2	152.1	5.8	-2.7	5.1	297.7	347.9	19.3	97.5	0.1	356.
0.8	8.8	267.3	975.0	23.0	22.9	162.5	9.8	-3.0	9.4	298.3	346.3	18.4	99.6	0.5	338.
1.8	11.2	496.8	950.0	22.6	22.4	165.5	12.5	-3.1	12.1	300.0	347.9	18.3	99.5	1.1	341.
2.7	13.6	727.4	925.0	20.8	20.7	166.4	14.2	-3.3	13.8	300.6	345.3	18.9	99.3	1.9	344.
3.6	16.0	965.2	900.0	20.0	19.9	167.3	16.1	-3.5	15.7	302.2	346.1	18.5	99.2	2.6	344.
4.6	18.5	1208.5	875.0	19.6	12.6	173.4	18.1	-2.1	18.0	304.2	333.1	10.6	64.8	3.7	346.
5.6	21.0	1456.4	850.0	20.0	3.2	178.3	19.2	-0.6	19.2	307.1	323.4	5.7	32.8	4.8	348.
6.8	23.5	1715.4	825.0	18.3	9.4	179.0	19.3	-0.3	19.3	308.0	333.5	9.1	56.4	5.9	350.
7.5	26.1	1978.4	800.0	18.0	-3.8	184.5	17.0	1.3	17.0	310.4	323.1	4.3	26.9	7.0	352.
8.5	28.7	2250.8	775.0	19.1	-38.2	194.0	15.4	3.7	15.0	314.4	315.0	0.2	1.0	7.9	354.
9.5	31.3	2531.0	750.0	17.9	-39.0	198.2	14.1	4.4	13.4	316.0	316.6	0.2	1.0	8.6	356.
10.4	33.9	2819.0	725.0	16.0	-40.1	205.4	12.8	5.5	11.6	317.0	317.6	0.2	1.0	9.3	358.
11.3	36.6	3114.7	700.0	13.0	-41.9	215.6	11.6	6.8	9.5	316.7	317.4	0.1	1.0	9.9	0.
12.3	39.3	3418.2	675.0	10.3	-43.6	224.6	10.4	7.3	7.4	317.2	317.6	0.1	1.0	10.4	3.
13.3	42.1	3729.7	650.0	7.2	-45.5	225.1	11.5	8.2	8.2	317.1	317.5	0.1	1.0	10.9	5.
14.4	45.0	4050.1	625.0	4.5	-47.1	228.4	13.2	9.9	8.7	317.7	318.0	0.1	1.0	11.5	7.
15.5	48.0	4380.5	600.0	1.9	-48.8	229.0	15.8	11.9	10.3	318.3	318.6	0.1	1.0	12.2	11.
16.7	51.0	4721.4	575.0	-1.0	-50.6	229.2	17.9	13.5	11.7	318.8	319.0	0.1	1.0	13.2	14.
17.8	54.3	5073.3	550.0	-4.5	-47.4	236.9	18.0	15.1	9.9	318.7	319.1	0.1	1.0	14.1	17.
19.0	57.1	5437.0	525.0	-7.7	-54.8	243.7	18.1	16.3	8.0	319.2	319.4	0.0	1.0	15.1	20.
20.2	60.3	5814.1	500.0	-10.4	-56.5	249.2	14.5	13.6	5.1	320.4	320.5	0.0	1.0	16.0	23.
21.5	63.6	6205.1	475.0	-11.5	-57.2	253.1	10.2	9.8	3.0	323.7	323.9	0.0	1.0	16.6	26.
22.9	67.3	6622.0	450.0	-14.4	-59.0	262.2	6.8	6.7	0.9	325.2	325.3	0.0	1.0	17.1	28.
24.4	70.4	7050.6	425.0	-17.7	-61.2	260.6	4.4	4.3	0.7	326.2	326.3	0.0	1.0	17.3	29.
25.9	74.0	7500.7	400.0	-21.5	-63.5	253.0	3.7	3.5	1.1	327.3	327.3	0.0	1.0	17.5	30.
27.5	77.7	7976.3	375.0	-24.3	-65.5	228.5	2.0	1.5	1.3	329.4	329.5	0.0	1.0	17.8	30.
29.0	81.5	8472.9	350.0	-28.3	-64.1	217.0	4.2	2.6	3.4	330.6	330.6	0.0	1.0	18.3	30.
30.7	85.5	8999.9	325.0	-32.4	-70.7	232.4	8.4	6.6	5.1	332.1	332.1	0.0	1.0	18.6	31.
32.6	89.7	9559.2	300.0	-36.8	-73.7	248.8	11.5	10.7	4.2	333.5	333.5	0.0	1.0	19.6	32.
34.6	94.2	10154.9	275.0	-42.1	99.9	252.1	13.6	12.9	4.2	334.3	999.9	99.9	999.9	20.7	35.
36.8	99.0	10794.0	250.0	-46.2	99.9	260.6	14.7	11.6	1.9	337.4	999.9	99.9	999.9	22.1	38.
39.0	103.6	11484.0	225.0	-50.3	99.9	251.7	14.5	13.8	4.6	341.5	999.9	99.9	999.9	23.3	40.
41.9	109.3	12249.3	200.0	-54.7	99.9	250.0	24.7	23.2	8.4	348.2	999.9	99.9	999.9	26.4	44.
44.8	114.8	13099.0	175.0	-57.4	99.9	250.5	29.4	27.7	9.8	355.1	999.9	99.9	999.9	30.8	48.
48.2	121.3	14062.7	150.0	-61.1	99.9	254.9	32.4	31.3	8.4	364.9	999.9	99.9	999.9	36.6	52.
52.0	128.0	15184.9	125.0	-65.3	99.9	249.3	24.9	23.3	8.8	378.7	999.9	99.9	999.9	43.1	56.
56.3	135.7	16527.6	100.0	-70.4	99.9	225.7	19.6	14.1	13.7	391.7	999.9	99.9	999.9	47.8	58.
61.0	144.0	18221.6	75.0	-78.1	99.9	209.2	14.4	7.0	12.6	426.0	999.9	99.9	999.9	53.7	55.
66.4	153.5	20707.3	50.0	-59.0	99.9	114.9	8.0	-7.2	3.6	504.5	999.9	99.9	999.9	56.3	52.
80.1	143.0	25159.1	25.0	-50.2	99.9	78.6	11.6	-11.4	-2.3	660.2	999.9	99.9	999.9	49.9	48.

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STATION NO. 255
VICTORIA, TEXAS

10 MAY 1979
1105 GMT

163 17. 0

TIME MIN	CNTR T	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.1	6.6	33.0	1003.4	24.4	23.2	140.0	5.1	-3.3	3.9	297.5	344.8	18.2	93.0	0.0	0.
0.3	6.5	37.5	1003.0	24.4	23.2	141.5	5.5	-3.6	4.3	297.5	344.9	18.2	93.2	0.0	358.
0.7	8.3	253.0	975.0	22.9	22.2	162.5	11.3	-3.4	10.8	299.2	344.1	17.6	95.0	0.5	333.
1.5	11.3	486.0	950.0	21.6	20.9	163.8	14.0	-2.7	13.8	299.1	342.8	16.7	95.8	1.2	340.
2.4	13.7	717.7	925.0	20.1	17.3	175.0	15.6	-1.6	15.6	299.9	336.1	13.7	86.5	1.9	344.
3.2	16.1	956.3	900.0	18.3	16.7	176.4	19.3	-1.2	19.3	305.5	342.0	13.4	88.4	2.7	349.
4.1	18.6	1202.2	875.0	22.4	15.9	177.9	20.1	-0.7	20.1	337.1	342.9	13.0	65.2	3.7	351.
4.9	21.1	1454.3	850.0	20.8	15.3	177.0	21.3	-1.1	21.2	307.9	343.1	12.8	69.6	4.9	353.
5.9	23.7	1712.5	825.0	19.3	13.3	176.4	19.5	-1.2	19.5	338.6	336.5	10.0	59.1	6.0	353.
6.9	26.2	1976.3	800.0	18.9	-16.8	177.2	17.5	-0.8	17.5	311.3	316.5	1.7	10.0	7.1	354.
7.9	28.8	2246.9	775.0	19.2	-39.2	194.0	15.1	1.1	15.1	314.5	315.2	0.2	1.0	8.0	356.
8.9	31.5	2524.7	750.0	17.4	-38.4	192.3	14.1	3.0	13.8	315.5	316.3	0.2	1.4	8.9	356.
9.9	34.2	2810.1	725.0	15.3	-35.9	196.4	12.9	3.6	12.4	316.3	317.1	0.2	1.6	9.6	357.
10.9	36.9	3103.4	700.0	12.9	-35.7	199.6	11.9	4.3	11.2	316.7	317.6	0.3	1.9	10.3	359.
11.9	39.7	3404.4	675.0	10.3	-35.3	203.9	9.4	4.7	8.2	317.2	318.2	0.3	2.3	10.9	0.
12.9	42.5	3713.5	650.0	7.5	-35.1	221.3	8.6	5.7	6.4	317.4	318.3	0.3	2.6	11.3	2.
13.9	45.4	4031.5	625.0	5.1	-35.6	233.3	10.6	8.3	6.7	318.3	319.3	0.3	3.4	11.7	4.
15.0	48.4	4358.4	600.0	2.4	-34.6	231.7	13.7	10.8	8.5	318.9	320.1	0.3	4.4	12.3	7.
16.2	51.4	4695.3	575.0	-0.8	-36.3	235.0	13.4	10.9	7.7	319.3	320.1	0.3	4.8	13.3	10.
17.4	54.4	5042.5	550.0	-4.4	-37.9	237.6	13.6	11.7	6.9	318.9	319.8	0.3	5.3	13.7	13.
18.6	57.6	5401.7	525.0	-7.4	-50.5	243.3	14.3	12.9	6.2	319.5	319.8	0.1	1.6	14.3	16.
19.9	60.9	5772.3	500.0	-10.6	-53.7	244.0	12.8	11.5	5.6	320.2	320.4	0.1	2.0	15.1	19.
21.2	64.1	6156.5	475.0	-13.2	-54.3	244.1	9.0	8.1	3.9	321.7	321.8	0.0	1.0	15.7	21.
22.4	67.6	6553.3	450.0	-15.2	-54.5	246.3	6.3	5.8	2.3	324.1	324.2	0.0	1.0	16.1	22.
23.7	71.3	7366.3	425.0	-17.7	-61.1	238.1	4.0	3.4	2.1	326.3	326.4	0.0	1.0	16.4	24.
25.5	74.5	7796.7	400.0	-21.2	-61.4	222.8	4.7	3.1	3.6	327.5	327.5	0.0	1.0	16.8	24.
27.1	78.3	8243.7	375.0	-24.1	-59.1	237.8	6.6	3.1	5.8	329.7	329.8	0.0	1.0	17.2	26.
28.8	82.2	8713.3	350.0	-24.2	-61.3	233.5	8.0	3.9	7.0	330.7	330.7	0.0	1.0	18.3	26.
30.5	86.2	9207.3	325.0	-27.4	-66.2	235.4	8.8	6.3	6.2	332.0	332.0	0.0	1.9	18.9	25.
32.3	90.5	9725.3	300.0	-37.1	-67.9	243.6	8.6	7.7	3.8	333.1	333.2	0.0	2.5	19.7	26.
34.1	95.0	10351.5	275.0	-41.5	99.9	254.5	7.2	6.9	1.9	335.1	999.9	99.9	999.9	23.4	29.
36.4	99.6	10743.6	250.0	-45.4	99.9	259.1	6.4	6.3	1.2	338.6	999.9	99.9	999.9	20.9	33.
38.9	104.8	11488.6	225.0	-50.7	99.9	259.7	14.4	14.2	2.6	340.8	999.9	99.9	999.9	21.8	32.
41.2	110.0	12263.4	200.0	-54.5	99.9	256.2	25.0	24.5	5.1	346.5	999.9	99.9	999.9	23.8	37.
44.2	115.0	13035.9	175.0	-58.3	99.9	257.9	30.8	30.1	6.5	352.7	999.9	99.9	999.9	27.9	44.
47.6	122.5	14054.1	150.0	-60.9	99.9	255.2	29.3	28.4	7.5	355.2	999.9	99.9	999.9	33.3	50.
51.4	129.7	15141.3	125.0	-64.3	99.9	260.5	24.8	21.6	12.2	378.5	999.9	99.9	999.9	39.5	54.
55.5	137.7	16527.6	100.0	-69.2	99.9	227.3	20.7	15.2	14.1	396.1	999.9	99.9	999.9	44.8	53.
60.6	146.3	18264.5	75.0	-66.5	99.9	243.5	12.0	4.8	11.1	433.6	999.9	99.9	999.9	49.8	53.
67.7	155.7	20729.4	50.0	-59.0	99.9	114.8	7.6	-6.9	3.2	504.6	999.9	99.9	999.9	50.9	49.
79.3	165.3	25193.2	25.0	-46.6	99.9	63.8	13.2	-11.8	-5.8	651.2	999.9	99.9	999.9	46.3	45.

% BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 5 DEG

STATION NO. 260
STEPHENVILLE, TEXAS

9 MAY 1979
1105 GMT

1155 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.0	390.0	957.7	20.7	18.1	180.0	0.0	0.0	0.0	297.5	333.7	13.8	85.0	0.0	0.
99.9	99.9	99.9	1300.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	10.1	669.0	950.0	20.1	18.2	166.5	16.7	-3.9	16.3	297.6	334.4	14.0	88.5	0.5	341.
1.0	12.6	894.3	925.0	18.2	17.2	169.9	18.7	-3.3	18.4	298.8	333.4	13.5	93.5	1.0	344.
1.9	14.7	936.4	900.0	17.2	16.1	179.4	21.0	-0.2	21.0	299.2	333.5	12.9	93.1	1.9	349.
2.9	17.1	1175.4	875.0	16.1	14.9	188.3	23.0	3.3	22.8	300.6	333.4	12.3	92.2	3.0	359.
3.5	19.5	1421.7	850.0	13.9	10.9	187.9	24.1	3.3	23.9	300.7	327.3	9.8	82.9	4.2	359.
4.4	21.9	1677.1	825.0	22.6	-36.2	188.2	21.9	3.1	21.6	312.5	313.2	0.2	1.0	5.4	1.
5.6	24.6	1943.6	800.0	21.7	-36.7	197.2	20.3	6.0	19.4	314.3	315.0	0.2	1.0	6.7	3.
6.6	27.9	2220.6	775.0	17.8	-39.0	203.1	17.0	6.7	15.6	313.8	313.6	0.2	1.0	7.8	8.
7.6	29.8	2497.0	750.0	18.3	-38.8	208.7	13.9	6.7	12.2	316.4	317.1	0.2	1.0	8.7	8.
8.6	32.1	2785.0	725.0	15.8	-40.3	221.3	12.6	8.3	9.4	316.8	317.3	0.2	1.0	9.3	10.
9.6	34.7	3081.4	700.0	13.6	-41.6	223.7	12.9	8.9	9.3	317.6	318.1	0.1	1.0	10.0	12.
10.5	37.6	3385.1	675.0	10.7	-43.3	221.9	12.9	8.7	9.6	317.7	318.1	0.1	1.0	10.7	14.
11.5	40.1	3697.1	650.0	7.8	-45.1	217.0	12.9	7.8	10.3	317.8	318.1	0.1	1.0	11.4	16.
12.7	42.9	4018.2	625.0	4.5	-47.2	212.2	13.2	7.1	11.2	317.6	318.0	0.1	1.0	12.3	18.
13.7	45.7	4348.1	600.0	1.4	-49.1	208.9	14.0	6.7	14.5	317.8	318.0	0.1	1.0	13.1	18.
14.7	48.5	4688.1	575.0	-1.3	-50.8	208.6	15.5	5.4	14.5	318.5	318.7	0.1	1.0	14.2	19.
15.8	51.4	5040.9	550.0	-4.2	-52.6	208.1	17.0	3.8	16.9	319.1	319.3	0.1	1.0	15.1	19.
17.0	54.5	5405.3	525.0	-7.1	-54.4	207.4	18.1	4.6	17.2	319.9	320.0	0.0	1.0	15.8	19.
18.2	57.5	5783.7	500.0	-9.9	-56.2	214.8	18.1	6.3	9.1	321.0	321.1	0.0	1.0	16.7	19.
19.5	60.8	6176.2	475.0	-13.8	-58.6	227.2	8.8	8.5	6.0	320.9	321.1	0.0	1.0	17.4	20.
21.9	64.3	6584.3	450.0	-16.9	-60.7	222.3	6.5	4.4	4.8	322.0	322.1	0.0	1.0	18.0	21.
22.3	67.3	7011.8	425.0	-19.7	-61.8	226.5	5.2	3.8	3.6	325.0	325.1	0.0	1.0	18.4	22.
23.8	70.8	7460.4	400.0	-22.2	-64.1	254.3	6.2	6.0	1.7	326.1	326.2	0.0	1.0	18.8	22.
25.4	74.3	7933.8	375.0	-25.3	-66.7	255.0	7.3	7.0	1.9	326.9	326.9	0.0	1.0	19.1	24.
27.2	78.1	8426.5	350.0	-29.7	-69.0	232.9	9.5	7.6	5.7	328.7	328.7	0.0	1.0	19.8	26.
29.2	82.0	8950.8	325.0	-34.0	-71.8	226.0	9.8	7.1	6.8	329.9	329.9	0.0	1.0	20.8	27.
31.7	86.3	9507.0	300.0	-38.7	-76.9	239.5	9.8	8.5	5.0	330.9	330.9	0.0	1.0	21.7	28.
32.5	91.1	10097.2	275.0	-43.9	99.9	242.4	9.5	8.4	4.4	331.7	999.9	99.9	999.9	22.6	30.
34.1	96.9	10729.9	250.0	-48.8	99.9	237.5	9.0	7.6	4.8	333.5	999.9	99.9	999.9	23.5	31.
36.3	99.6	11413.2	225.0	-54.9	99.9	243.5	11.5	10.3	5.1	334.4	999.9	99.9	999.9	24.5	32.
38.6	104.6	12157.4	200.0	-58.9	99.9	241.6	17.9	15.7	8.5	339.6	999.9	99.9	999.9	26.0	34.
40.7	110.2	12996.4	175.0	-59.1	99.9	236.7	23.6	19.7	13.0	352.4	999.9	99.9	999.9	28.7	37.
43.1	116.3	13959.3	150.0	-61.3	99.9	229.8	25.3	19.3	16.3	364.6	999.9	99.9	999.9	32.1	38.
45.7	123.0	15081.9	125.0	-63.8	99.9	231.1	25.5	19.9	16.0	379.5	999.9	99.9	999.9	36.1	40.
48.9	130.7	16446.9	100.0	-64.7	99.9	231.2	23.1	18.0	14.5	402.8	999.9	99.9	999.9	41.2	41.
52.7	139.0	18198.5	75.0	-66.6	99.9	205.8	12.1	5.1	10.9	433.4	999.9	99.9	999.9	46.7	41.
58.6	149.0	20721.3	50.0	-59.2	99.9	143.9	9.6	-3.3	4.5	504.8	999.9	99.9	999.9	47.1	39.
69.8	159.7	25215.6	25.0	-47.7	99.9	95.2	8.6	-8.6	0.8	648.0	999.9	99.9	999.9	44.9	36.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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STATION NO. 260
STEPHENVILLE, TEXAS

9 MAY 1970
1405 GMT

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TIME MIN	CNT T	HEIGHT GPM	SPEED MS	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR REG GM/KG	RH PCT	RANGE KM	AZ DG
.0	100.0	3[illegible]	[illegible]3.1	23.8	19.9	130.0	7.7	0.0	7.7	297.5	335.6	14.5	89.0	0.0	0.
9[illegible]	99.9	[illegible]	1[illegible]3.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	[illegible]	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
.9	11.4	4[illegible]7	950.0	17.8	16.2	175.2	11.5	-1.0	11.5	297.3	339.2	14.1	90.5	0.3	351.
1.2	10.2	7[illegible]	975.0	19.2	17.3	177.7	15.6	-0.6	15.6	298.0	333.8	13.6	90.3	1.9	354.
2.0	19.4	[illegible]87.0	950.0	15.9	16.0	197.3	19.7	2.5	19.5	297.0	333.0	12.9	94.3	1.4	357.
3.0	19.2	1187.4	937.0	15.8	14.9	196.2	22.2	6.2	21.3	300.3	333.1	12.3	94.2	2.9	4.
3.9	21.7	1434.3	950.0	18.4	13.4	232.6	25.3	8.8	23.8	301.2	332.2	11.5	90.2	4.2	9.
4.7	24.2	1 [illegible]5.3	925.0	13.3	-13.9	253.2	20.8	8.2	19.1	302.7	309.0	2.1	19.9	5.4	12.
[illegible]	26.7	1[illegible]5.5	900.0	22.2	-36.4	232.7	15.5	6.0	14.3	314.9	315.6	0.2	1.0	6.3	13.
6.5	29.3	2[illegible]4.2	875.0	21.3	-39.3	233.7	13.8	5.6	12.7	316.7	317.5	0.2	1.0	7.2	14.
7.4	31.7	2 [illegible]7	850.0	14.5	-33.6	239.9	13.2	6.4	11.5	316.7	317.4	0.2	1.0	8.1	15.
8.2	34.6	2748.2	825.0	15.0	-40.1	237.5	13.7	6.3	12.1	317.0	317.6	0.2	1.0	9.0	17.
9.1	37.3	3[illegible]4.4	800.0	12.8	-42.3	235.6	12.3	5.3	11.1	316.7	317.2	0.1	1.0	9.9	18.
10.0	40.1	[illegible]	775.0	13.1	-43.8	138.3	13.1	3.1	9.6	316.8	317.2	0.1	1.0	10.7	19.
1[illegible]	42.4	3 [illegible]	[illegible]	7.3	-45.5	137.7	11.6	3.5	11.1	317.2	317.6	0.1	1.0	11.6	19.
1[illegible]	45.4	4 [illegible]	725.0	6.5	-47.2	232.1	13.6	6.4	10.7	317.6	317.9	0.1	1.0	12.3	19.
1[illegible]	48.4	4[illegible]	700.0	1.4	-43.1	201.2	12.6	4.5	11.7	317.7	318.0	0.1	1.0	13.3	19.
12.3	51.4	4[illegible]6	675.0	-1.9	-44.1	231.4	11.9	4.3	11.0	317.7	318.0	0.1	1.0	14.2	19.
13.2	8.4	[illegible]	[illegible]	-4.9	-51.3	199.4	10.9	3.6	10.2	318.2	318.4	0.0	1.0	15.1	19.
14.1	57.3	[illegible]	627.0	-7.9	-54.9	193.3	12.1	2.7	11.8	318.9	319.0	0.0	1.0	16.0	19.
15.0	61.1	[illegible]	[illegible]	-11.1	-57.3	187.9	12.1	1.7	12.0	319.5	319.6	0.0	1.0	17.1	19.
21.9	64.5	[illegible]7	675.0	-13.5	-58.5	196.1	8.6	2.4	8.3	321.2	321.4	0.0	1.0	19.3	18.
17.6	67.9	[illegible]7	650.0	-15.4	-59.3	194.2	5.8	1.8	5.5	323.4	323.5	0.0	1.0	19.6	18.
18.5	71.3	[illegible]	[illegible]	-19.8	-61.6	137.1	5.3	1.6	5.0	325.4	325.5	0.0	1.0	19.2	18.
19.3	74.2	7[illegible]4	625.0	-21.7	-63.8	239.6	8.9	4.3	7.8	326.4	326.6	0.0	1.0	19.8	16.
20.2	78.7	7[illegible]4	575.0	-24.6	-65.6	218.4	11.8	7.0	9.5	329.1	329.2	0.0	1.0	21.0	19.
21.0	82.5	8[illegible]4	550.0	-24.7	-64.3	213.3	12.2	6.2	10.6	330.1	330.1	0.0	1.0	22.3	20.
21.9	86.0	3[illegible]7	525.0	-31.3	-71.3	222.4	12.3	8.3	9.1	333.9	330.9	0.0	1.0	23.8	21.
22.7	93.7	9 [illegible]5	500.0	34.0	-74.5	234.1	11.3	9.1	6.8	331.8	331.8	0.0	1.0	25.0	22.
23.2	97.7	1[illegible]4	475.0	-43.2	99.9	222.3	12.0	8.1	8.9	332.6	999.9	99.9	999.9	26.5	24.
24.7	93.4	1[illegible]3	450.0	-49.5	99.9	227.8	12.6	9.3	8.4	334.3	999.9	99.9	999.9	28.2	25.
25.4	104.5	11833.6	225.0	-54.1	99.9	233.4	15.6	12.5	9.3	335.7	999.9	99.9	999.9	29.9	27.
26.4	110.3	12[illegible]3	230.0	-52.5	99.9	244.8	20.2	18.3	8.6	338.5	999.9	99.9	999.9	32.0	29.
27.6	115.4	1[illegible]4	175.0	-53.0	99.9	229.7	23.3	17.7	15.1	356.3	999.9	99.9	999.9	35.6	32.
50.5	122.0	13382.7	150.0	-53.7	99.9	232.0	25.1	19.8	15.5	357.2	999.9	99.9	999.9	40.0	36.
58.3	129.0	1[illegible]5	125.0	-63.6	99.9	229.8	24.6	17.6	17.1	379.8	999.9	99.9	999.9	45.1	38.
54.5	137.3	14473.1	100.0	-62.9	99.9	226.9	24.7	18.0	16.9	406.3	999.9	99.9	999.9	51.7	38.
63.5	146.0	14243.5	75.0	-63.8	99.9	196.7	13.1	3.8	12.5	439.1	999.9	99.9	999.9	57.3	37.
71.3	156.3	23766.	50.0	-56.0	99.9	122.3	8.5	-7.2	4.5	511.6	999.9	99.9	999.9	60.0	35.
92.6	167.0	25253.3	25.0	-47.8	99.9	999.9	99.9	99.9	99.9	667.4	999.9	99.9	999.9	57.5	31.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TEMP HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEXAS

9 MAY 1979
1703 GMT

163 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.7	399.0	959.5	22.8	19.4	170.0	6.7	-1.2	6.6	299.5	338.9	15.8	81.8	0.0	0.
99.9	99.9	99.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.0	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	10.6	685.8	950.0	21.4	19.5	156.2	9.3	-4.1	8.4	300.9	339.8	15.2	89.0	0.3	332.
1.1	13.1	717.1	925.0	19.4	18.8	162.7	11.6	-3.4	11.1	299.2	338.1	14.8	94.8	0.7	334.
2.1	15.5	953.4	900.0	17.9	17.4	176.6	15.7	-0.9	15.6	300.0	337.4	14.1	96.9	1.5	343.
3.9	19.0	1194.8	875.0	16.6	16.1	187.6	17.3	2.3	17.2	301.1	336.6	13.3	96.7	2.3	349.
3.8	23.6	1442.2	850.0	15.0	14.4	196.6	16.7	4.8	16.0	301.9	334.9	12.3	96.4	3.1	356.
4.5	23.1	1675.4	825.0	13.8	13.3	199.3	17.8	5.9	16.8	303.2	335.8	11.7	96.4	3.9	0.
5.6	25.6	1955.8	800.0	11.3	-20.6	209.9	14.8	7.4	12.8	303.2	314.0	3.9	32.9	4.7	4.
6.7	24.1	2224.1	775.0	10.7	-37.9	216.4	11.1	6.6	8.9	315.0	315.7	0.2	1.0	5.5	10.
7.8	33.8	2503.5	0.0	10.2	-38.8	208.9	11.9	5.2	10.7	316.3	317.0	0.2	1.0	6.2	12.
8.9	33.4	2783.3	725.0	10.2	-40.0	197.3	12.9	3.8	12.3	317.2	317.8	0.2	1.0	7.0	13.
10.0	34.2	3064.3	700.0	13.5	-41.7	194.4	12.5	3.1	12.1	317.4	317.9	0.1	1.0	7.9	14.
11.2	39.0	3343.1	675.0	10.7	-43.4	192.0	13.5	2.8	13.2	317.6	318.0	0.1	1.0	8.8	13.
12.4	41.9	3705.5	650.0	7.9	-45.1	191.9	13.2	2.7	12.9	317.9	318.3	0.1	1.0	9.8	13.
13.6	44.7	4326.6	625.0	4.8	-47.0	193.1	14.3	3.2	13.9	318.C	318.3	0.1	1.0	10.7	13.
14.8	47.6	4357.3	600.0	1.6	-49.0	193.8	14.5	3.5	14.0	317.9	318.2	0.1	1.0	11.8	13.
16.1	50.6	4697.5	575.0	-1.7	-35.2	191.1	14.8	2.9	14.5	318.0	319.2	0.3	5.8	13.0	13.
17.5	53.8	5048.6	550.0	-5.0	-53.1	187.0	16.0	2.C	15.9	318.2	318.4	0.0	1.0	14.2	13.
18.9	55.9	5411.7	525.0	-8.4	-55.3	188.8	18.2	2.8	17.9	318.3	318.4	0.0	1.0	15.6	12.
20.3	60.0	5787.7	500.0	-11.6	-57.3	187.9	20.2	2.8	20.0	318.9	319.0	0.0	1.0	17.2	12.
21.4	63.4	6178.6	475.0	-14.6	-59.2	186.3	16.1	1.2	16.1	319.9	320.0	0.0	1.0	18.9	12.
23.4	66.7	6586.7	450.0	-16.6	-60.6	173.0	12.8	-1.6	12.7	322.4	322.5	0.0	1.0	20.2	11.
25.1	70.1	7015.8	425.0	-17.8	-61.2	163.3	12.2	0.7	12.1	326.1	326.2	0.0	1.0	21.4	10.
26.8	73.7	7467.8	400.0	-19.9	-62.6	212.2	13.7	7.3	11.6	329.1	329.2	0.0	1.0	22.6	10.
28.6	77.5	7942.5	375.0	-24.0	-65.2	226.1	16.2	11.6	11.2	329.9	329.9	0.0	1.0	23.9	12.
30.1	81.3	8441.1	350.0	-28.7	- 7.3	231.1	15.9	12.3	10.0	330.1	330.1	0.0	1.0	25.3	14.
31.9	85.3	8966.9	325.0	-33.3	-71.3	228.7	13.2	9.9	8.7	330.8	330.9	0.0	1.0	26.5	16.
33.9	89.6	9524.0	300.0	-37.9	-74.4	225.9	12.1	8.7	8.4	331.9	331.9	0.0	1.0	27.7	18.
35.7	94.0	10115.9	275.0	-43.1	99.9	226.3	13.3	9.6	9.2	332.8	999.9	99.9	999.9	28.9	19.
37.6	98.8	10752.0	250.0	-48.5	99.9	228.0	14.7	11.0	9.9	333.9	999.9	99.9	999.9	30.6	21.
39.8	103.6	11436.7	225.0	-54.2	99.9	230.6	15.8	12.2	10.0	335.4	999.9	99.9	999.9	32.2	22.
42.2	109.0	12182.4	200.0	-59.2	99.9	237.3	19.6	16.5	10.6	339.0	999.9	99.9	999.9	34.3	25.
44.4	114.8	13022.7	175.0	-57.6	99.9	231.7	23.2	18.2	14.6	350.0	999.9	99.9	999.9	37.4	27.
47.7	121.3	13986.6	150.0	-61.2	99.9	231.2	23.4	18.2	14.6	366.6	999.9	99.9	999.9	41.0	30.
50.9	128.3	15115.8	125.0	-63.7	99.9	222.5	25.5	17.2	16.8	379.7	999.9	99.9	999.9	45.3	31.
54.5	136.3	16486.4	100.0	-63.1	99.9	222.7	24.6	16.7	18.1	405.8	999.9	99.9	999.9	51.3	33.
58.2	145.7	18248.6	75.0	-61.3	99.9	196.5	15.6	3.9	15.1	444.5	999.9	99.9	999.9	58.6	32.
65.6	154.9	20774.9	50.0	-55.4	99.9	132.3	7.7	-6.7	3.2	512.9	999.9	99.9	999.9	68.7	31.
77.8	167.0	25273.3	25.0	-47.9	99.9	84.2	12.1	-12.1	-1.2	647.8	999.9	99.9	999.9	86.8	28.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
[illegible] TEXAS

MAY 1973
2005 GMT

156 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR D	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.0	334.3	997.6	25.3	10.1	150.3	12.9	-6.3	9.9	331.9	341.3	14.8	70.0	0.0	0.
99.9	99.9	9[illegible]	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	9[illegible]	975.0	99.9	99.9	[illegible]9.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
5.3	10.7	6[illegible]	950.0	24.8	14.8	999.9	99.9	99.9	99.9	302.4	343.9	15.5	73.6	999.9	999.
1.1	13.1	733.1	925.0	22.2	14.7	999.9	99.9	99.9	99.9	302.0	341.7	14.9	80.5	999.9	999.
2.1	15.5	841.7	900.0	20.3	16.7	999.9	99.9	99.9	99.9	302.5	343.5	15.3	90.6	1.6	337.
3.1	17.9	1195.1	875.0	19.4	17.3	175.5	13.4	-1.0	13.3	302.9	341.7	14.4	93.3	2.3	341.
3.9	21.3	1636.0	850.0	17.1	15.7	189.4	15.2	2.5	15.0	304.0	340.1	13.3	91.5	3.3	346.
4.9	23.9	1944.3	825.0	15.9	13.9	197.5	15.7	5.2	14.8	305.4	338.7	12.2	85.0	3.9	353.
5.9	26.3	2[illegible]	800.0	15.1	7.2	203.6	12.2	6.9	11.2	307.2	339.5	8.3	63.5	4.6	358.
6.7	27.4	2222.7	787.0	23.4	-36.3	206.8	10.0	6.2	9.1	316.2	317.3	0.3	1.6	5.1	1.
7.6	3[illegible]	2526.1	750.0	18.5	-35.5	147.3	9.7	2.9	9.3	316.9	317.6	0.2	1.0	5.6	3.
8.6	31.3	2792.7	725.3	15.3	-24.1	192.2	10.2	2.1	9.9	317.4	319.0	0.5	2.9	6.1	4.
9.6	32.7	3054.1	700.0	13.7	-20.5	190.1	11.4	2.0	11.2	317.6	319.7	0.6	4.4	6.9	4.
10.6	34.1	3313.6	675.0	11.2	-31.8	191.9	12.5	2.6	12.2	318.2	319.6	0.4	3.2	7.5	5.
11.6	41.1	37[illegible]	650.0	8.2	-34.9	194.0	14.6	3.5	14.0	318.3	319.3	0.3	2.9	8.3	6.
12.7	43.9	4227.9	625.0	5.6	-37.2	193.2	15.9	3.6	15.5	318.7	319.6	0.2	2.8	9.3	7.
13.3	45.7	4354.2	613.0	2.3	-33.7	189.1	17.6	2.8	17.4	318.8	319.5	0.2	2.7	10.5	7.
15.3	49.5	4733.5	575.0	-3.7	-50.4	186.0	18.2	1.9	18.1	319.2	319.5	0.1	1.0	11.7	7.
16.1	52.6	5013.3	550.0	-6.3	-52.5	185.4	19.8	1.9	19.8	319.3	319.5	0.1	1.0	12.9	7.
17.2	55.6	5317.5	525.0	-7.3	-56.4	186.3	20.4	2.9	20.2	320.0	320.2	0.0	1.0	14.3	7.
18.8	59.5	5[illegible]	500.0	-10.3	-56.2	185.3	20.8	3.5	20.1	320.9	321.1	0.0	1.0	15.8	7.
19.7	61.8	6[illegible]	475.0	-12.1	-57.6	186.3	17.5	4.9	16.8	323.0	323.1	0.0	1.0	17.2	8.
21.3	65.3	5[illegible]	450.0	-13.7	-59.6	193.8	15.1	3.6	14.7	326.1	326.2	0.0	1.0	18.5	9.
22.5	69.6	7033.7	425.0	-16.5	-63.0	207.0	13.5	6.1	12.0	327.8	327.9	0.0	1.0	19.7	9.
24.3	73.0	7447.6	400.0	-19.1	-62.1	218.5	15.1	9.4	11.8	330.1	330.2	0.0	1.0	20.8	11.
25.6	75.7	7763.5	375.0	-21.6	-65.3	223.3	15.8	10.8	11.5	330.4	330.5	0.0	1.0	22.2	13.
27.1	79.4	8163.7	350.0	-27.8	-67.7	228.6	15.2	11.4	10.1	331.3	331.3	0.0	1.0	23.4	15.
28.7	83.3	8581.4	325.0	-32.3	-73.7	233.5	16.0	12.4	10.2	332.2	332.2	0.0	1.0	24.5	17.
30.5	87.5	9050.2	300.0	-37.3	-72.3	232.3	16.9	13.4	10.3	332.9	332.9	0.0	.3	26.1	19.
32.9	91.4	13144.3	275.0	-42.7	99.9	240.1	14.7	12.7	7.3	333.4	999.9	99.9	999.9	27.4	21.
34.1	96.5	13781.7	250.0	-47.2	99.9	237.2	16.5	13.8	8.9	335.9	999.9	99.9	999.9	28.8	23.
36.2	101.4	14473.6	225.0	-52.7	99.9	242.5	18.4	16.4	8.5	337.8	999.9	99.9	999.9	30.5	25.
38.4	106.8	15222.6	200.0	-57.2	99.9	246.1	21.9	20.0	8.9	342.3	999.9	99.9	999.9	32.7	28.
40.9	112.5	16063.8	175.0	-57.7	99.9	236.1	24.9	20.6	13.9	356.8	999.9	99.9	999.9	35.4	32.
43.6	118.8	16933.9	150.0	-60.3	99.9	227.8	27.4	20.3	18.4	366.2	999.9	99.9	999.9	39.7	33.
47.0	126.0	15161.8	125.0	-62.5	99.9	227.1	28.6	21.8	19.5	381.8	999.9	99.9	999.9	45.3	35.
51.3	136.9	16532.8	100.0	-66.2	99.9	225.1	23.2	16.4	16.3	403.7	999.9	99.9	999.9	51.8	37.
55.8	141.0	14787.3	75.0	-66.2	99.9	204.5	15.2	6.3	13.8	438.3	999.9	99.9	999.9	57.1	36.
62.6	151.3	23315.8	50.0	-57.0	99.9	147.7	7.5	-4.0	6.4	509.3	999.9	99.9	999.9	60.2	39.
73.9	164.0	25307.3	25.0	-67.6	99.9	78.2	10.0	-9.7	-2.0	867.8	999.9	99.9	999.9	57.7	31.

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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEXAS

9 MAY 1979
2305 GMT

190 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.6	399.0	996.6	29.0	19.6	160.0	7.2	-2.5	6.8	302.8	342.5	15.2	72.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	10.3	660.1	950.0	24.6	20.8	134.3	3.2	0.0	3.7	302.1	344.0	15.7	79.7	0.4	340.
1.2	12.6	696.0	925.0	22.3	19.6	146.9	13.8	7.8	10.9	302.2	344.1	15.7	84.3	0.8	331.
2.1	14.9	932.4	900.0	20.2	19.0	154.3	14.1	8.1	12.7	302.3	343.9	15.6	92.7	1.6	330.
3.1	17.2	1175.9	875.0	18.4	17.5	167.1	13.8	-5.3	13.5	302.9	342.1	14.6	94.3	2.4	336.
4.2	19.6	1424.8	850.0	16.9	16.0	177.6	13.8	-0.6	13.8	303.9	340.7	13.6	94.3	3.3	339.
5.1	22.1	1679.9	825.0	15.5	14.1	181.8	12.9	0.0	12.9	305.3	339.3	12.7	93.4	4.0	343.
6.3	24.6	1941.3	800.0	13.2	9.9	198.7	11.2	2.1	11.0	305.3	332.2	9.8	80.9	4.8	347.
7.3	27.1	2211.0	775.0	20.1	-37.6	200.1	10.5	3.6	9.8	315.4	314.1	0.2	1.0	5.4	351.
8.5	29.6	2492.3	750.0	18.9	-38.4	198.6	9.5	3.0	9.0	317.1	317.8	0.2	1.0	6.0	354.
9.8	32.2	2781.0	725.0	16.6	-39.8	198.2	10.3	3.2	9.8	317.7	319.2	0.2	1.0	6.7	356.
11.0	34.9	3077.5	700.0	13.8	-41.4	202.0	12.0	4.5	11.1	317.6	318.3	0.1	1.0	7.4	359.
12.2	37.4	3381.0	675.0	11.1	-43.1	209.7	12.5	5.2	11.4	318.1	318.5	0.1	1.0	8.3	1.
13.6	40.1	3694.3	650.0	8.3	-44.8	198.8	15.4	6.9	14.6	318.4	318.8	0.1	1.0	9.2	4.
14.7	42.9	4016.1	625.0	5.4	-46.6	200.5	14.1	6.5	13.2	318.6	318.9	0.1	1.0	10.3	5.
16.3	45.7	4347.4	600.0	2.3	-44.5	208.2	15.8	7.4	13.7	318.8	319.1	0.1	1.0	11.3	7.
17.3	48.5	4688.9	575.0	-0.7	-50.4	212.8	15.8	8.5	13.2	319.2	319.4	0.1	1.0	12.5	9.
18.9	51.4	5041.4	550.0	-4.1	-52.5	211.6	17.5	9.2	14.8	319.2	319.4	0.1	1.0	13.9	12.
20.2	54.4	5405.8	525.0	-7.5	-54.7	213.8	18.4	9.2	16.2	319.4	319.6	0.0	1.0	15.3	14.
21.4	57.5	5782.9	500.0	-11.0	-56.9	211.2	19.8	7.1	18.4	319.6	319.7	0.0	1.0	16.9	15.
23.4	60.6	6174.6	475.0	-12.7	-58.0	201.5	18.0	6.6	16.8	322.2	322.4	0.0	1.0	18.9	15.
25.1	64.0	6587.4	450.0	-13.3	-58.3	216.5	15.0	9.3	11.8	326.5	326.7	0.0	1.0	20.4	18.
26.7	67.3	7019.3	425.0	-17.2	-60.8	225.9	15.1	10.9	10.5	326.3	327.0	0.0	1.0	21.7	18.
28.5	70.7	7472.8	400.0	-20.7	-63.3	220.6	15.9	12.0	10.5	326.1	326.2	0.0	1.0	23.1	20.
30.2	74.3	7949.3	375.0	-24.6	-65.7	220.8	17.6	13.2	11.6	329.0	329.1	0.0	1.0	24.8	22.
31.9	77.9	8449.3	350.0	-29.9	-69.6	220.0	17.9	13.7	11.5	329.8	329.9	.0	1.0	26.6	24.
33.9	81.8	8973.0	325.0	-31.7	-71.6	222.3	16.8	13.3	10.3	330.3	330.3	.0	1.0	28.1	26.
35.9	85.8	9522.9	300.0	-39.4	-76.7	231.0	16.8	12.8	10.1	331.3	331.3	0.0	1.0	29.9	27.
37.9	90.0	10112.9	275.0	-43.3	99.9	235.1	15.9	13.8	9.1	332.6	999.9	99.9	999.9	31.7	29.
40.2	94.5	10736.5	250.0	-48.3	99.9	237.8	18.8	15.1	9.8	334.3	999.9	99.9	999.9	33.7	31.
42.5	99.2	11433.3	225.3	-51.8	99.9	247.6	19.2	17.8	7.2	336.1	999.9	99.9	999.9	35.9	33.
45.3	104.2	12190.5	200.0	-58.6	99.9	249.3	21.3	19.9	7.5	340.0	999.9	99.9	999.9	38.3	36.
47.4	109.8	13016.2	175.0	-59.3	99.9	235.9	23.8	19.7	13.3	352.0	999.9	99.9	999.9	41.5	38.
50.9	115.8	13975.9	150.0	-60.9	99.9	231.1	27.6	21.5	17.3	365.1	999.9	99.9	999.9	46.4	39.
54.3	122.3	15103.5	125.0	-63.4	99.9	233.2	28.6	22.9	17.1	380.2	999.9	99.9	999.9	51.5	41.
58.1	129.8	16469.8	100.0	-63.8	99.9	224.0	21.1	14.7	15.2	406.8	999.9	99.9	999.9	58.8	42.
63.0	138.5	18226.3	75.3	-60.6	99.9	198.5	12.9	4.1	12.2	437.4	999.9	99.9	999.9	63.2	41.
70.3	149.0	20738.3	50.0	-57.7	99.9	114.4	6.8	-6.0	2.7	507.6	999.9	99.9	999.9	65.0	40.
81.7	161.6	25210.5	25.0	-48.0	99.9	999.9	99.9	99.9	99.9	666.6	999.9	99.9	999.9	61.0	37.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEXAS

10 MAY 1979
205 GMT

147 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	T K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.3	369.3	967.2	23.0	21.3	140.0	8.2	-5.3	6.3	9.9	344.4	16.9	90.0	0.0	0.
99.9	9.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	9.9	99.9	975.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	13.5	465.3	950.0	22.9	21.4	145.7	15.0	-8.5	12.4	300.4	345.7	17.2	91.3	0.4	319.
0.9	15.9	594.2	925.0	21.1	20.5	146.6	15.2	-8.4	12.7	300.9	344.9	16.6	96.1	0.8	323.
1.7	18.0	735.7	900.0	19.4	18.8	154.6	16.3	-7.0	14.7	301.6	342.6	15.4	96.3	1.5	325.
2.5	20.3	1179.2	875.0	18.5	17.8	161.1	16.5	-5.3	15.6	302.0	342.9	14.8	95.4	2.4	331.
3.5	22.5	1429.3	850.0	17.2	16.3	166.9	16.4	-3.7	15.9	304.1	341.8	13.9	94.4	3.3	334.
4.5	24.9	1693.4	825.0	15.6	14.4	171.7	15.2	-2.2	15.0	305.1	339.6	12.7	92.5	4.1	338.
5.4	27.2	1965.2	800.0	14.6	8.0	187.6	10.7	1.4	10.1	306.8	334.2	10.0	78.3	4.9	340.
6.5	29.6	2245.6	775.0	20.2	-37.6	242.0	6.7	3.6	5.7	315.5	316.2	0.2	1.3	5.2	344.
7.5	31.9	2537.5	750.0	18.8	-38.4	195.0	7.3	1.9	7.0	317.0	317.7	0.2	1.0	5.5	347.
8.7	34.5	2781.4	725.0	16.9	-38.6	189.2	8.4	1.3	8.3	318.0	318.6	0.2	1.0	6.0	349.
9.9	36.9	3083.9	700.0	14.8	-40.5	187.1	11.6	1.4	11.5	318.9	319.5	0.2	1.0	6.5	350.
11.7	39.6	3354.3	675.0	12.4	-42.3	191.3	12.4	2.4	12.2	319.6	320.1	0.1	1.0	7.3	352.
13.3	42.0	3703.3	650.0	9.2	-44.3	193.9	13.8	2.6	13.5	319.3	319.7	0.1	1.0	8.1	354.
15.3	44.7	4025.4	625.0	6.0	-46.2	193.7	15.1	3.6	14.7	319.4	319.7	0.1	1.0	9.1	356.
17.1	47.1	4357.5	600.0	2.7	-48.1	194.6	15.1	4.8	14.3	319.2	319.5	0.1	1.0	10.1	358.
19.4	50.3	4697.5	575.0	-3.4	-50.2	197.5	17.4	5.2	16.6	319.5	319.7	0.1	1.0	11.2	0.
19.5	52.3	5052.4	550.0	-3.7	-52.4	196.2	19.2	5.4	19.4	319.5	319.7	0.1	1.0	12.4	2.
17.7	55.7	5417.2	525.0	-7.0	-54.3	195.2	18.3	4.8	17.7	320.1	320.2	0.0	1.0	13.7	3.
19.1	58.6	5795.4	500.0	-10.0	-56.2	194.3	17.8	3.5	17.4	320.2	321.1	0.0	1.0	15.2	4.
20.3	61.6	6184.6	475.0	-11.5	-57.2	202.6	14.9	5.7	13.8	323.8	323.9	0.0	1.0	16.4	5.
21.3	64.5	6582.7	450.0	-13.4	-58.4	215.7	14.5	8.5	11.8	326.4	326.5	0.0	1.0	17.6	7.
23.5	67.8	7038.4	425.0	-17.0	-60.7	214.2	12.7	7.1	10.5	327.2	327.3	0.0	1.0	18.8	9.
25.4	71.0	7445.4	400.0	-20.5	-62.9	220.4	13.8	8.9	10.5	328.4	328.5	0.0	1.0	20.3	11.
27.2	74.4	7863.5	375.0	-24.2	-65.4	226.6	15.3	11.1	10.5	329.5	329.6	0.0	1.0	21.3	13.
29.3	77.9	8295.2	350.0	-28.3	-68.1	228.9	16.6	12.1	11.4	330.6	330.6	0.0	1.0	22.9	16.
31.1	81.6	8745.9	325.0	-32.9	-71.1	226.4	17.2	12.4	11.8	331.4	331.4	0.0	1.0	24.6	18.
33.1	85.3	9213.6	300.0	-37.8	-74.3	232.5	16.4	13.0	10.0	332.1	332.1	0.0	1.0	26.4	20.
35.3	89.3	13137.3	275.0	-42.6	99.9	238.0	18.9	16.0	10.0	333.6	999.9	99.9	999.9	28.3	23.
37.5	93.4	10773.5	250.0	-48.0	99.9	243.1	17.6	15.7	8.0	334.9	999.9	99.9	999.9	30.3	26.
40.1	97.8	11459.9	225.0	-53.6	99.9	244.7	17.4	15.7	7.4	335.4	999.9	99.9	999.9	32.6	29.
42.2	102.6	12237.6	200.0	-59.3	99.9	249.1	18.3	17.1	6.5	338.9	999.9	99.9	999.9	34.9	32.
44.3	107.9	13241.2	175.0	-59.7	99.9	238.9	24.6	21.0	12.7	351.5	999.9	99.9	999.9	38.2	35.
49.5	113.3	14331.7	150.0	-61.0	99.9	234.2	26.0	21.1	15.2	365.1	999.9	99.9	999.9	43.1	38.
53.4	119.5	15529.5	125.0	-63.5	99.9	229.8	24.9	18.7	16.4	380.0	999.9	99.9	999.9	48.9	39.
57.9	126.5	16893.5	100.0	-63.9	99.9	218.8	18.7	11.7	14.6	404.3	999.9	99.9	999.9	55.1	40.
63.2	134.7	18241.9	75.0	-67.8	99.9	200.0	11.3	3.9	10.6	430.9	999.9	99.9	999.9	59.5	40.
70.5	144.7	23744.5	50.0	-60.2	99.9	125.2	6.5	-5.3	3.8	501.7	999.9	99.9	999.9	62.1	38.
83.0	157.9	25218.5	25.0	-48.7	99.9	999.9	99.9	99.9	99.9	644.7	999.9	99.9	999.9	999.9	999.

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STATION NO. 260
STEPHENVILLE, TEXAS

10 MAY 1979
0805 GMT

150 21. 0

TIME MIN	CNTCS	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.5	389.8	957.4	22.1	21.1	180.0	6.7	0.0	6.7	299.0	342.0	16.7	96.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	973.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	12.1	466.8	950.0	21.7	20.8	174.9	16.1	-1.4	16.0	299.2	342.7	16.8	95.1	0.3	356.
1.0	14.5	698.8	925.0	20.2	19.6	176.4	18.0	-1.1	18.0	300.0	341.6	15.8	96.3	0.8	355.
.8	16.9	935.8	900.0	18.8	18.2	181.4	21.0	0.5	21.5	300.9	340.2	14.8	96.1	1.7	357.
2.7	19.4	1178.2	875.0	17.2	16.5	183.6	24.2	1.5	24.2	301.7	338.2	13.6	95.4	3.1	360.
3.6	21.8	1425.9	850.0	17.0	7.2	193.0	20.3	4.6	19.7	304.9	325.6	7.8	55.8	4.3	1.
4.5	24.3	1682.2	825.0	22.3	-36.4	210.7	17.8	9.1	15.3	312.1	312.8	0.2	1.0	5.2	5.
5.3	26.9	1947.9	800.0	21.2	-37.0	214.4	17.1	9.7	14.2	313.7	314.4	0.2	1.0	6.0	9.
6.2	29.5	2221.2	775.0	20.1	-37.7	224.4	13.9	9.7	9.9	315.4	316.1	0.2	1.0	6.7	13.
7.2	32.0	2501.4	750.0	17.9	-39.0	230.6	13.4	10.4	8.5	316.0	316.7	0.2	1.0	7.4	16.
8.2	34.7	2789.5	725.0	15.2	-40.6	233.5	13.4	10.8	8.9	316.1	316.6	0.1	1.0	8.0	20.
9.2	37.3	3084.6	700.0	12.5	-42.3	230.1	14.9	11.4	9.5	316.3	316.8	0.1	1.0	8.8	23.
10.4	40.0	3387.1	675.0	9.8	-43.9	237.2	13.6	11.4	7.3	316.6	317.1	0.1	1.0	9.6	26.
11.5	42.8	3698.7	650.0	7.0	-45.6	237.8	14.9	12.6	8.0	316.9	317.3	0.1	1.0	10.4	28.
12.6	45.7	4019.0	625.0	4.1	-47.4	235.3	14.8	11.5	8.0	317.1	317.4	0.1	1.0	11.3	31.
13.7	48.6	4348.8	600.0	1.0	-49.4	239.5	12.9	11.1	6.5	317.3	317.5	0.1	1.0	12.1	33.
14.9	51.5	4689.1	575.0	-2.0	-51.2	247.3	12.3	11.3	4.7	317.7	317.9	0.1	1.0	12.9	35.
16.1	54.5	5039.9	550.0	-6.2	-52.6	246.3	12.3	11.3	4.9	319.1	319.3	0.1	1.0	13.6	37.
17.4	57.5	5404.9	525.0	-8.2	-53.8	234.7	12.4	10.3	7.3	321.0	321.2	0.0	1.0	14.5	38.
18.7	60.6	5784.4	500.0	-9.2	-55.7	224.4	11.7	8.2	8.3	321.8	322.0	0.0	1.0	15.4	39.
20.1	63.9	6179.0	475.0	-11.3	-57.1	218.2	13.2	7.4	10.9	324.8	324.1	0.0	1.0	16.5	39.
21.6	67.3	6591.4	450.0	-14.3	-59.0	210.8	4.5	7.4	12.4	325.3	325.4	0.0	1.0	17.7	38.
23.3	70.7	7021.9	425.0	-17.9	-61.3	209.7	14.7	7.3	12.7	326.1	326.2	0.0	1.0	19.1	38.
24.9	74.1	7472.4	400.0	-21.0	-63.3	211.9	15.7	8.3	13.3	327.8	327.7	0.0	1.0	20.6	37.
26.5	77.7	7945.8	375.0	-24.7	-65.7	204.8	14.7	6.2	13.3	328.9	329.0	0.0	1.0	22.1	37.
28.4	81.7	8443.6	350.0	-28.8	-68.4	208.5	13.9	6.6	12.2	330.0	330.0	0.0	1.0	23.7	36.
30.4	85.7	8969.3	325.0	-33.3	-71.3	216.9	13.3	8.0	10.8	330.8	330.8	0.0	1.0	25.3	36.
32.4	89.8	9526.2	300.0	-37.6	-74.2	218.8	14.1	8.8	11.0	332.4	332.4	0.0	1.0	26.9	36.
34.5	94.2	10120.6	275.0	-42.1	99.9	223.2	13.2	9.0	9.6	334.2	999.9	99.9	999.9	28.6	36.
36.7	98.8	10758.0	250.0	-47.6	99.9	225.8	13.6	9.7	9.5	335.3	999.9	99.9	999.9	30.3	37.
39.1	103.7	11444.9	225.0	-51.4	99.9	225.0	15.2	10.7	10.7	336.7	999.9	99.9	999.9	32.3	37.
41.7	109.0	12193.2	200.0	-59.0	99.9	227.7	16.7	12.3	11.2	339.3	999.9	99.9	999.9	34.8	38.
44.6	115.0	13019.6	175.0	-62.9	99.9	237.8	19.5	16.5	10.4	340.1	999.9	99.9	999.9	37.7	39.
47.8	121.3	13945.2	150.0	-61.9	99.9	234.3	28.5	23.2	16.7	343.5	999.9	99.9	999.9	41.9	41.
51.5	128.3	15092.2	125.0	-62.0	99.9	232.2	27.8	21.8	16.9	381.6	999.9	99.9	999.9	46.7	43.
55.9	136.3	16456.3	100.0	-68.1	99.9	222.5	22.2	15.9	15.4	396.3	999.9	99.9	999.9	55.0	43.
60.8	145.5	18178.7	75.0	-63.9	99.9	183.8	14.6	1.0	14.4	439.8	999.9	99.9	999.9	61.5	43.
68.2	155.7	20691.9	50.0	-59.2	99.9	103.7	6.8	-6.5	1.6	504.2	999.9	99.9	999.9	61.9	41.
80.8	166.3	25155.0	25.0	-48.5	99.9	57.2	9.8	-8.2	-5.3	648.6	999.9	99.9	999.9	57.8	38.

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STATION NO. 260
STEPHENVILLE, TEXAS

10 MAY 1979
1105 GMT

165 29. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.0	399.0	960.7	23.2	21.5	290.0	5.1	4.8	1.7	299.8	344.6	17.1	90.0	0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	11.0	697.1	950.0	22.8	21.3	2 6.9	10.0	9.2	3.9	300.3	345.4	17.1	91.7	0.3	89.
0.8	13.3	730.1	925.5	21.3	20.3	235.6	10.3	8.5	5.8	301.1	344.8	16.5	94.3	0.5	68.
1.5	15.5	968.4	900.0	20.4	18.6	216.0	11.4	8.7	9.2	302.7	343.4	15.2	88.6	0.9	56.
2.2	17.9	1212.9	875.0	18.8	17.6	213.2	12.0	8.6	10.1	303.3	342.6	14.7	92.8	1.4	47.
2.8	20.3	1461.0	850.0	16.6	15.6	216.2	11.8	7.8	9.5	303.6	339.5	13.3	94.0	1.8	44.
3.9	22.7	1715.8	825.0	14.8	14.5	215.8	14.0	8.1	11.4	304.3	338.8	12.7	97.9	2.6	42.
4.6	25.1	1976.5	800.0	13.5	13.2	213.9	16.7	9.3	13.9	305.5	338.5	12.8	98.2	3.3	40.
5.8	27.6	2244.3	775.0	12.2	11.9	221.0	16.4	10.8	12.4	306.9	339.3	11.4	98.1	4.5	39.
7.2	30.1	2518.9	750.0	9.9	9.6	217.1	15.8	9.5	12.6	307.3	335.3	10.1	97.7	5.8	40.
8.2	32.6	2800.7	725.0	8.5	8.1	216.0	17.8	10.5	14.4	308.8	335.2	9.4	97.5	6.8	39.
10.3	35.2	3090.2	700.0	8.1	-9.8	214.8	19.2	10.7	15.9	311.5	323.5	4.1	41.9	9.1	38.
11.8	37.8	3389.5	675.0	7.2	-45.5	210.0	16.5	8.2	14.3	313.8	314.1	0.1	1.8	10.5	37.
12.8	40.5	3698.8	650.0	5.7	-46.4	206.8	15.9	7.2	14.2	315.5	315.8	0.1	1.8	11.6	37.
14.2	43.2	4017.5	625.0	3.8	-48.1	205.4	14.3	6.1	12.9	315.9	316.2	0.1	1.8	12.7	36.
15.3	46.0	4346.3	600.0	0.7	-49.5	205.0	12.4	5.0	10.9	317.0	317.2	0.1	1.8	13.7	35.
16.5	48.8	4686.2	575.0	-2.0	-51.2	212.3	11.6	6.2	9.8	317.6	317.8	0.1	1.8	14.6	35.
17.6	51.6	5037.5	550.0	-4.8	-53.0	214.7	11.2	6.4	9.2	318.4	318.6	0.0	1.8	15.3	35.
18.9	54.5	5400.9	525.0	-8.2	-55.1	212.4	13.3	7.1	11.2	318.8	318.8	0.0	1.8	16.2	35.
20.0	57.7	5778.3	500.0	-9.8	-56.1	208.5	16.2	9.9	15.1	321.2	321.3	0.0	1.8	17.2	34.
21.6	60.8	6171.2	475.0	-13.3	-58.4	199.1	16.8	9.5	15.9	321.5	321.6	0.0	1.8	18.5	33.
23.5	64.0	6582.6	450.0	-13.5	-58.5	205.0	19.6	8.3	17.8	326.2	326.3	0.0	1.8	20.9	32.
25.6	67.3	7015.6	425.0	-15.9	-60.0	204.0	18.9	7.7	17.3	326.5	326.7	0.0	1.8	23.4	31.
27.2	70.7	7469.4	400.0	-19.3	-62.2	203.6	18.1	7.2	16.6	329.9	330.0	0.0	1.8	25.8	31.
29.5	74.3	7946.0	375.0	-23.1	-64.6	202.6	16.2	6.2	15.0	331.1	331.2	0.0	1.8	28.4	30.
29.9	77.9	8446.4	350.0	-27.7	-67.7	214.6	13.0	7.4	10.7	331.4	331.4	0.0	1.8	27.7	30.
31.8	81.9	8973.7	325.0	-32.4	-70.8	224.9	10.1	11.4	11.4	332.0	332.0	0.0	1.8	29.2	31.
33.9	85.7	9532.8	300.0	-37.8	-73.8	226.1	15.8	11.2	10.8	333.3	333.3	0.0	1.8	31.1	32.
36.4	90.0	13128.6	275.0	-41.4	99.9	223.6	16.3	11.2	11.8	335.3	999.9	99.9	999.9	33.4	33.
39.8	94.3	10767.9	250.3	-47.1	99.9	226.5	18.4	11.9	13.3	338.8	999.9	99.9	999.9	35.7	33.
41.2	99.0	11455.7	225.0	-53.3	99.9	230.6	16.9	13.1	10.7	338.9	999.9	99.9	999.9	37.9	34.
41.6	103.8	12233.3	200.0	-59.6	99.9	233.9	16.1	14.5	10.9	338.7	999.9	99.9	999.9	40.6	36.
46.7	109.2	13032.6	175.0	-62.0	99.9	235.1	23.2	19.0	13.2	347.7	999.9	99.9	999.9	43.7	37.
49.9	115.0	13981.4	150.0	-60.4	99.9	238.7	20.4	25.1	15.2	366.1	999.9	99.9	999.9	48.9	39.
53.7	121.3	1511 .7	125.0	-63.7	99.9	233.4	29.1	20.1	16.0	379.8	999.9	99.9	999.9	56.9	41.
58.1	128.7	16471.2	100.0	-67.5	99.9	216.7	22.8	13.2	17.7	397.4	999.9	99.9	999.9	66.1	42.
63.0	136.7	18204.4	75.0	-63.7	99.9	185.9	15.2	1.6	15.1	439.5	999.9	99.9	999.9	86.6	41.
78.1	145.7	20735.0	50.0	-68.4	99.9	99.7	0.1	-0.1	0.0	861.2	999.9	99.9	999.9	66.9	40.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 361
DEL RIO, TEXAS

9 MAY 1979
1135 GMT

361 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.7	384.0	966.1	22.2	21.9	140.0	7.2	-4.6	5.5	298.3	343.7	17.4	99.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	973.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.5	11.2	450.9	958.0	21.7	21.3	146.0	12.8	-7.0	10.7	299.2	344.0	17.1	97.6	0.3	325.
1.2	13.5	692.9	935.0	20.6	20.0	150.4	13.3	-6.6	11.6	300.2	342.9	16.2	97.3	0.8	327.
2.0	16.9	930.3	900.0	19.7	19.1	154.8	12.7	-5.4	11.5	301.8	343.6	15.7	96.1	1.5	330.
3.0	19.4	1173.6	875.0	18.4	18.2	160.3	12.7	-2.6	12.4	302.9	339.0	13.4	87.8	2.1	333.
3.8	20.9	1422.5	850.0	17.3	15.0	180.0	12.7	0.1	12.7	304.2	336.8	12.7	86.3	2.8	338.
4.6	23.4	1677.3	825.0	16.1	13.9	181.4	12.8	0.3	12.8	305.6	339.1	12.3	87.2	3.3	343.
5.5	25.8	1938.0	800.0	14.8	12.9	180.4	12.3	0.1	12.3	307.1	339.6	11.8	87.3	4.0	348.
6.6	28.6	2207.4	775.0	13.7	-16.4	186.8	12.2	1.4	12.1	308.6	312.9	1.4	11.4	4.7	348.
7.5	33.9	2485.3	750.0	17.8	-37.9	198.8	11.3	3.6	10.7	315.1	315.8	0.2	1.4	5.4	351.
8.5	33.6	2772.8	725.0	15.4	-60.5	212.2	10.1	5.4	8.6	316.3	316.9	0.2	1.0	5.8	356.
9.6	36.2	3068.4	700.0	13.6	-61.6	221.3	11.0	7.3	8.3	317.6	318.1	0.1	1.0	6.3	358.
10.3	38.9	3372.7	675.0	11.3	-63.0	23 .8	11.0	8.6	6.9	318.3	318.8	0.1	1.0	6.7	2.
11.3	41.7	3685.6	650.0	8.8	-65.0	234.6	11.0	8.9	6.4	318.9	319.4	0.1	1.0	7.1	6.
12.3	44.6	4006.7	625.0	6.9	-66.9	235.6	10.4	8.6	5.9	318.1	319.3	0.1	1.0	7.6	10.
13.6	47.6	4337.1	600.0	4.5	-69.0	240.0	9	8.4	4.8	317.9	318.2	0.1	1.0	8.1	13.
14.7	50.1	4677.6	575.0	-1.7	-51.0	240.8	9.0	8.5	4.0	318.1	318.3	0.1	1.0	8.6	17.
15.9	51.3	5027.1	550.0	-4.6	-52.8	239.6	10.1	8.7	5.1	318.6	318.8	0.0	1.0	9.1	20.
17.3	56.1	5393.5	525.0	-7.0	-54.4	238.2	9.4	8.0	5.0	320.0	320.2	0.0	1.0	9.6	23.
18.2	59.5	5772.0	500.0	-9.6	-56.6	240.3	7.4	6.4	3.7	321.3	321.5	0.0	1.0	10.2	25.
19.4	62.6	6166.4	475.0	-12.1	-57.6	235.7	4.2	3.5	2.4	323.0	323.2	0.0	1.0	10.5	26.
21.0	66.0	6577.0	450.0	-15.6	-59.8	236.3	3.0	2.5	1.7	323.6	323.7	0.0	1.0	10.7	27.
22.2	69.6	7005.7	425.0	-18.5	-61.7	245.3	4.1	3.7	1.7	325.3	325.4	0.0	1.0	10.9	27.
23.7	72.9	7455.1	400.0	-21.5	-63.6	251.4	5.8	5.8	1.9	327.1	327.2	0.0	1.0	11.3	29.
25.5	76.6	7927.8	375.0	-25.0	-65.9	242.9	7.3	6.5	3.3	328.5	328.5	0.0	1.0	11.8	31.
27.1	80.3	8424.9	350.0	-29.2	-68.	238.8	7.7	6.6	4.1	329.2	329.4	0.0	1.0	12.5	33.
29.7	84.3	8949.5	325.0	-33.6	-71.5	249.7	8.6	7.8	2.9	330.6	330.6	0.0	1.0	13.2	36.
30.6	88.1	9506.0	300.0	-38.1	-74.5	252.3	8.3	7.9	2.5	331.7	331.7	0.0	1.0	13.8	37.
32.3	93.	10094.1	275.0	-43.4	99.9	252.6	9.6	9.1	2.9	332.3	999.9	99.9	999.9	14.7	39.
34.6	97.2	10731.3	250.0	-48.6	99.9	238.5	9.0	7.5	4.6	333.8	999.9	99.9	999.9	15.9	41.
37.1	102.1	11415.7	225.0	-54.2	99.9	222.8	13.1	8.9	9.6	335..	999.9	99.9	999.9	17.2	42.
39.6	107.4	12164.5	200.0	-57.3	99.9	237.5	20.5	17.3	11.0	342.0	999.9	99.9	999.9	19.6	43.
42.4	113.8	13003.5	175.0	-59.7	99.9	244.4	25.7	23.2	11.1	351.5	999.9	99.9	999.9	23.6	46.
45.8	119.3	13946.0	150.0	-61.0	99.9	236.6	28.1	23.4	15.6	365.1	999.9	99.9	999.9	30.0	49.
49.0	126.3	15099.3	125.0	-64.8	99.9	233.4	25.9	20.8	15.4	377.7	999.9	99.9	999.9	35.4	50.
54.2	134.3	16442.8	100.0	-67.8	99.9	222.0	20.8	17.9	20.8	397.8	999.9	99.9	999.9	42.2	50.
59.7	143.3	18180.4	75.0	-68.9	99.9	206.5	15.1	6.8	13.5	428.4	999.9	99.9	999.9	49.4	49.
67.3	153.5	20675.8	50.0	-57.9	99.9	136.5	7.8	-5.8	5.1	467.1	999.9	99.9	999.9	5..3	46.
79.9	164.0	25153.9	25.0	-67.8	99.9	999.9	99.9	99.9	99.9	647.3	999.9	99.9	999.9	67.3	41.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEXAS

9 MAY 1979
1605 GMT

164 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
[illegible]	0.0	314.3	967.0	22.6	21.6	130.0	5.1	-3.9	3.3	299.6	343.2	17.1	94.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
2.6	14.5	668.3	950.0	22.0	21.0	140.7	16.2	-10.3	12.5	299.6	346.1	17.8	99.3	0.3	322.
5.3	14.9	791.6	926.0	23.7	20.6	131.6	14.2	-6.7	12.5	333.5	344.9	16.8	99.3	0.9	322.
8.2	15.4	914.5	903.0	19.9	19.7	165.8	14.5	-3.5	14.0	332.3	345.5	16.4	99.2	1.6	331.
11.3	18.3	1192.3	875.0	14.4	14.3	170.9	13.2	-2.1	13.0	332.9	343.9	15.3	99.3	2.2	336.
14.7	21.6	1432.3	850.0	17.1	16.6	179.3	11.0	-0.2	11.0	334.1	342.5	14.2	97.0	2.9	340.
18.5	24.3	1637.2	825.0	15.6	15.2	187.3	11.1	1.4	11.3	335.1	341.3	13.3	97.3	3.3	344.
22.5	27.5	1843.3	800.0	17.9	-3.6	235.6	14.1	6.1	12.7	337.3	337.7	3.9	24.5	3.9	349.
26.5	29.2	2021.3	775.0	18.8	-14.4	222.4	14.4	9.7	10.7	338.1	339.2	1.8	9.2	4.5	357.
30.6	31.9	2201.3	750.0	17.4	-17.4	233.7	9.4	7.6	5.5	335.4	339.6	1.3	7.9	5.9	3.
34.6	34.6	2378.3	725.0	15.7	-20.6	213.7	10.6	5.4	9.1	336.7	339.3	1.0	6.8	5.5	7.
38.7	37.3	2554.1	700.0	13.5	-31.2	209.7	12.2	6.0	10.6	337.5	338.9	0.4	2.9	6.2	10.
42.8	40.1	2729.1	675.0	10.9	-31.5	213.6	11.8	5.9	10.0	337.8	339.2	0.4	3.3	7.0	12.
47.0	43.0	2903.5	650.0	8.0	-27.6	209.1	11.4	5.3	10.0	338.1	339.1	0.6	5.8	7.7	14.
51.2	45.9	3078.1	625.0	5.2	-27.4	209.4	11.2	5.3	9.9	338.4	339.6	0.6	7.3	8.5	15.
55.3	48.9	3252.2	600.0	2.3	-29.9	211.3	11.2	5.8	9.6	338.9	339.6	0.5	7.0	9.3	16.
59.5	51.9	3425.4	575.0	-0.8	-34.2	213.9	12.7	6.5	10.9	339.1	339.3	0.4	5.8	10.2	18.
63.7	54.9	3598.2	550.0	-3.6	-37.1	212.6	13.5	6.4	10.0	339.5	339.5	0.3	5.3	11.1	19.
67.8	58.1	3771.3	525.0	-7.3	-32.2	209.3	9.6	4.5	8.4	339.7	339.5	0.2	5.7	12.0	20.
72.0	61.3	3943.9	500.0	-10.1	-46.5	203.9	7.8	2.8	7.2	339.7	339.2	0.1	3.7	12.7	20.
76.2	64.6	4116.3	475.0	-12.6	-51.7	191.8	5.6	1.1	5.3	339.6	339.0	0.1	2.1	13.3	20.
80.5	68.0	4288.3	450.0	-15.3	-54.3	164.6	2.6	-0.7	2.5	339.3	339.1	0.0	1.2	13.5	20.
84.1	71.6	4459.7	425.0	-17.3	-60.9	197.4	4.7	1.4	4.5	339.8	339.9	0.0	1.0	13.8	19.
89.4	75.1	4630.3	400.0	-20.6	-62.0	218.8	7.5	4.7	5.9	339.2	339.3	0.0	1.2	14.4	20.
93.5	78.4	4800.8	375.0	-24.1	-62.1	231.0	8.9	6.9	5.6	339.8	339.9	0.0	1.5	15.2	21.
97.7	82.7	4970.3	350.0	-29.3	-61.0	243.4	9.8	8.7	4.4	339.8	339.7	0.0	2.6	15.3	23.
101.7	86.7	5140.4	325.0	-33.1	-63.6	256.9	10.9	10.6	2.8	339.1	339.3	0.0	4.4	16.9	26.
105.6	91.1	5309.3	300.0	-38.3	-62.7	251.4	11.2	10.6	3.6	339.5	339.8	0.0	5.8	17.8	30.
109.5	95.3	13125.3	275.0	-42.4	99.9	232.9	11.5	9.2	6.9	339.9	999.9	99.9	999.9	19.0	32.
113.4	100.0	13293.3	250.0	-47.6	99.9	223.2	13.6	9.3	9.9	339.3	999.9	99.9	999.9	20.7	33.
117.1	104.9	13460.8	225.0	-53.5	99.9	235.4	16.6	13.7	9.4	339.5	999.9	99.9	999.9	22.6	35.
120.9	110.2	13628.2	200.0	-56.9	99.9	247.8	20.9	19.4	8.0	342.7	999.9	99.9	999.9	25.3	38.
124.4	116.3	13795.5	175.0	-60.3	99.9	243.9	24.8	22.3	10.9	350.4	999.9	99.9	999.9	29.0	42.
128.3	122.3	13962.2	150.0	-60.4	99.9	236.9	26.4	22.1	14.6	366.0	999.9	99.9	999.9	34.4	45.
132.3	129.3	14129.9	125.0	-63.4	99.9	228.3	24.4	18.2	16.2	380.1	999.9	99.9	999.9	40.0	46.
136.4	136.7	14297.9	100.0	-65.9	99.9	227.0	28.1	20.6	19.2	400.5	999.9	99.9	999.9	46.0	46.
140.7	144.7	14466.2	75.0	-64.1	99.9	201.2	14.7	5.3	13.7	438.6	999.9	99.9	999.9	50.5	46.
145.2	155.7	14634.9	50.0	-58.6	99.9	139.4	7.7	-5.0	5.8	510.3	999.9	99.9	999.9	54.3	43.
149.8	166.5	14804.0	25.0	-49.6	99.9	999.9	99.9	99.9	99.9	645.3	999.9	99.9	999.9	53.5	38.

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STATION NO. 261
DEL RIO, TEXAS

9 MAY 1979
1705 GMT

184 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
2.0	9.9	314.0	966.3	26.4	22.7	130.0	7.2	-5.5	4.6	302.5	351.0	18.3	80.6	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	11.6	464.5	950.0	24.7	23.3	145.9	8.1	-4.6	6.7	302.3	353.5	19.3	91.6	0.3	320.
1.7	13.9	694.6	925.0	22.0	21.5	149.8	9.4	-4.7	8.1	301.8	349.0	17.8	97.3	0.8	323.
1.9	16.4	937.1	900.0	20.4	19.6	156.9	10.6	-4.2	9.7	302.6	345.8	16.2	95.2	1.0	327.
2.5	18.8	1181.1	875.0	19.4	17.9	167.3	9.2	-2.0	9.0	303.9	344.2	15.8	91.2	1.5	332.
3.4	21.3	1431.3	850.0	18.1	15.2	178.5	8.8	-0.2	8.0	305.1	344.3	12.9	83.0	1.9	336.
4.4	23.9	1687.2	825.0	18.0	8.0	214.5	7.2	4.1	6.0	307.7	320.8	8.3	52.1	2.3	342.
5.6	26.5	1950.2	800.0	21.1	-13.9	240.2	7.5	6.5	3.7	313.7	318.9	1.7	8.4	2.4	352.
6.4	29.1	2220.6	775.0	20.1	-16.3	248.7	9.0	8.3	3.8	315.4	320.0	1.4	7.5	2.6	3.
7.5	31.9	2500.3	750.0	17.7	-15.9	225.3	9.0	6.4	6.3	315.8	320.5	1.5	9.8	3.0	13.
8.6	34.5	2790.6	725.0	15.9	-14.6	207.6	11.0	5.1	9.7	316.9	322.3	1.7	10.9	3.6	16.
9.6	37.2	3092.8	700.0	13.6	-13.8	199.9	12.7	4.3	12.0	317.4	323.3	1.9	13.6	4.3	17.
10.7	40.0	3406.0	675.0	10.7	-17.8	199.7	12.8	4.1	12.2	317.7	322.2	1.5	11.7	5.1	18.
11.9	42.9	3729.5	650.0	8.1	-19.6	197.9	11.7	3.6	11.2	318.2	322.2	1.2	12.0	5.9	18.
13.1	45.8	4063.4	625.0	5.5	-21.8	192.5	12.5	2.7	12.2	318.7	322.3	1.1	11.8	6.8	17.
14.3	48.9	4408.0	600.0	2.3	-23.6	198.5	13.0	4.1	12.4	318.8	322.0	0.9	12.6	7.8	17.
15.6	51.8	4763.4	575.0	-0.7	-25.8	199.3	13.2	4.4	12.4	319.2	321.9	0.8	12.8	8.7	17.
16.9	54.8	5130.8	550.0	-4.3	-26.8	202.0	11.9	4.5	11.0	319.0	321.6	0.8	15.2	9.7	18.
18.1	58.1	5510.8	525.0	-7.4	-29.3	204.9	9.8	4.1	8.9	319.5	321.7	0.6	15.3	10.5	18.
19.3	61.3	5903.7	500.0	-10.5	-34.3	185.8	8.2	0.8	8.1	320.3	321.7	0.4	11.9	11.3	18.
20.7	64.6	6310.9	475.0	-11.3	-36.8	182.4	6.0	0.3	6.0	324.0	325.3	0.3	10.0	11.8	17.
22.2	68.0	6732.3	450.0	-14.3	-40.2	210.3	5.8	2.9	5.0	325.2	326.2	0.3	9.0	12.2	17.
23.8	71.6	7169.7	425.0	-16.8	-41.8	218.5	9.2	5.7	7.2	327.4	328.2	0.2	9.3	12.9	18.
25.4	75.1	7624.3	400.0	-19.9	-44.5	228.4	12.2	9.1	8.1	329.1	329.8	0.2	9.1	13.9	20.
27.1	79.0	8096.0	375.0	-24.2	-47.4	231.4	12.7	9.9	7.9	329.6	330.1	0.1	9.6	14.9	23.
29.0	82.9	8586.8	350.0	-28.9	-49.0	234.6	11.9	9.7	6.9	329.8	330.3	0.1	12.2	16.1	25.
31.0	86.9	9097.4	325.0	-33.3	-52.3	242.2	11.0	9.7	5.1	330.8	331.2	0.1	12.7	17.1	27.
32.7	91.2	9584.5	300.0	-37.8	-55.7	241.4	12.8	11.2	6.1	332.1	332.4	0.1	13.2	18.2	30.
34.9	95.5	10134.3	275.0	-42.4	99.9	234.2	13.6	11.0	8.0	333.8	999.9	99.9	999.9	19.9	32.
36.9	100.2	10775.0	250.0	-47.9	99.9	239.5	14.6	12.6	7.4	334.9	999.9	99.9	999.9	21.3	34.
39.0	105.2	11407.7	225.0	-54.0	99.9	246.7	14.8	13.6	5.9	335.9	999.9	99.9	999.9	23.0	36.
41.5	110.5	12099.0	200.0	-58.4	99.9	241.1	20.0	17.5	9.7	340.4	999.9	99.9	999.9	25.2	39.
44.5	116.4	12850.1	175.0	-57.3	99.9	237.5	27.8	22.8	16.5	355.4	999.9	99.9	999.9	29.4	42.
47.7	122.7	13715.7	150.0	-61.1	99.9	235.1	28.6	23.4	16.4	364.9	999.9	99.9	999.9	34.7	44.
51.4	129.7	14743.2	125.0	-63.2	99.9	226.7	27.7	20.1	19.0	390.6	999.9	99.9	999.9	40.9	45.
55.9	137.7	16004.4	100.0	-66.4	99.9	228.1	25.9	19.3	17.3	399.4	999.9	99.9	999.9	48.1	45.
61.1	146.7	17626.5	75.0	-63.6	99.9	199.2	13.4	4.4	12.6	439.7	999.9	99.9	999.9	56.3	44.
68.6	156.7	20741.2	50.0	-56.0	99.9	143.8	7.7	-4.6	6.2	511.7	999.9	99.9	999.9	66.8	42.
81.0	167.3	25293.0	25.0	-47.0	99.9	999.9	99.9	99.9	99.9	650.1	999.9	99.9	999.9	83.3	36.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEXAS

9 MAY 1979
2005 GMT

161 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	100.1	314.3	963.7	31.1	21.0	130.0	7.7	-5.9	4.9	307.5	352.6	16.5	55.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	111.5	442.3	950.0	28.6	20.1	141.8	10.7	-6.6	8.4	306.2	349.1	15.8	60.1	0.4	324.
1.1	113.4	579.3	925.0	25.5	18.0	141.4	11.1	-6.9	8.6	305.4	344.0	14.2	63.1	0.9	324.
2.2	114.2	715.5	900.0	23.9	17.4	138.4	9.6	-6.3	7.1	306.2	345.7	14.5	69.1	1.5	322.
3.2	114.7	1166.0	875.0	21.9	16.7	139.9	8.8	-5.7	6.7	306.5	344.2	13.8	72.4	2.0	321.
4.1	21.2	1417.6	850.0	20.1	15.2	157.8	7.4	-2.8	6.9	307.2	342.6	12.9	73.5	2.5	322.
5.3	23.7	1675.1	825.0	19.2	9.7	136.4	5.9	1.7	5.7	308.8	333.3	9.7	51.1	2.7	325.
5.9	26.2	1940.5	800.0	21.2	-0.9	230.6	7.5	5.8	4.8	313.7	327.2	4.5	22.9	2.8	332.
7.0	29.9	2214.5	775.0	20.1	-8.6	229.7	10.5	8.0	6.8	315.4	323.3	2.6	13.6	3.0	344.
8.3	31.1	2495.6	750.0	19.0	-6.7	217.4	10.7	6.5	8.5	316.2	323.8	2.4	14.1	3.4	356.
9.1	33.9	2783.6	725.0	15.7	-11.8	208.9	10.4	5.0	9.1	316.7	323.4	2.1	13.8	3.9	0.
10.2	36.7	3080.8	700.0	13.7	-13.6	206.1	10.3	4.9	9.1	317.6	323.7	1.9	13.7	4.5	4.
11.2	39.6	3388.2	675.0	11.3	-16.1	212.2	10.5	5.6	8.9	318.3	323.5	1.6	13.0	5.1	7.
12.8	41.1	3699.2	650.0	8.8	-19.2	206.4	11.3	5.0	10.1	318.9	323.1	1.3	11.8	5.8	10.
13.5	45.3	4027.4	625.0	6.3	-21.1	199.0	11.2	3.6	10.6	319.4	323.1	1.1	12.1	6.5	12.
14.6	47.2	4352.3	600.0	2.9	-23.3	15 .1	11.3	2.2	11.1	319.5	322.7	1.0	12.6	7.3	12.
1 .9	50.9	4693.1	575.0	-0.4	-23.7	185.4	11.4	1.1	11.3	319.7	322.8	1.0	15.2	8.1	12.
17.3	51.9	5044.3	550.0	-3.8	-26.5	188.5	10.9	1.6	10.8	319.6	322.2	0.8	15.2	8.9	11.
18.4	56.3	5412.7	525.0	-7.0	-29.9	199.6	9.8	3.3	9.2	320.1	322.1	0.6	14.0	9.9	11.
19.9	1 .1	5798 .3	500.0	-7.2	-32.7	219.8	8.7	5.6	6.7	324.3	326.0	0.5	10.8	10.5	12.
21.7	61.3	6191.3	475.0	-10.2	-38.9	227.5	10.2	7.5	6.9	325.3	326.8	0.4	11.1	11.1	15.
22.4	61.6	6605.4	450.0	-13.3	-37.3	226.8	11.0	8.0	7.5	326.5	327.7	0.3	11.1	11.9	17.
24.2	72.0	7037.6	425.0	-16.4	-43.2	231.7	12.2	9.8	7.2	327.9	328.9	0.3	10.7	12.8	20.
2 .4	73.6	7491.4	400.0	-19.7	-42.5	229.6	13.4	10.2	8.7	329.4	330.2	0.2	11.1	13.9	22.
27.5	77.1	7966.1	375.0	-23.7	-45.0	225.3	14.4	10.2	10.1	330.2	330.9	0.2	12.0	15.2	25.
2 .2	81.0	8465.6	350.0	-28.2	-48.3	230.4	12.8	9.8	8.2	330.7	331.2	0.1	12.5	16.5	26.
3 .3	86.8	8993.0	325.0	-32.5	-51.1	233.1	14.9	11.9	9.0	331.9	332.3	0.1	13.9	17.8	28.
32.5	92.0	9551.2	300.0	-37.4	-54.9	236.0	14.2	11.8	7.9	332.7	333.0	0.1	14.0	19.2	30.
34.9	91.3	10149.2	275.0	-42.2	99.9	234.9	13.2	10.8	7.6	334.1	999.9	99.9	999.9	20.6	32.
3 .9	98.0	10793.6	250.0	-47.6	99.9	234.8	17.2	14.1	9.9	335.3	999.9	99.9	999.9	22.4	34.
39.3	102.4	11471.7	225.0	-52.9	99.9	232.4	19.1	15.2	11.7	337.5	999.9	99.9	999.9	24.6	36.
41.6	109.2	12224.9	200.0	-56.8	99.9	235.5	22.5	18.5	12.7	342.9	999.9	99.9	999.9	27.7	38.
44.1	113.9	13065.9	175.0	-57.8	99.9	239.2	27.7	23.8	14.2	354.5	999.9	99.9	999.9	31.3	40.
47.3	122.3	14033.3	150.0	-59.4	99.9	236.9	29.6	24.8	16.1	367.7	999.9	99.9	999.9	36.8	43.
51.3	127.3	15164.1	125.0	-63.0	99.9	235.4	30.9	25.4	17.6	380.9	999.9	99.9	999.9	43.3	45.
55.3	135.3	16527.4	100.0	-65.7	99.9	230.3	26.9	20.7	17.2	400.9	999.9	99.9	999.9	50.6	46.
63.6	144.3	18274.4	75.0	-66.2	99.9	999.9	99.9	99.9	99.9	434.2	999.9	99.9	999.9	57.6	46.
68.0	150.5	20775.4	50.0	-57.3	99.9	999.9	99.9	99.9	99.9	508.4	999.9	99.9	999.9	999.9	999.
80.3	165.0	25257.2	25.0	-66.3	99.9	999.9	99.9	99.9	99.9	651.6	999.9	99.9	999.9	57.5	39.

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STATION NO. 261
DEL RIO, TEXAS

9 MAY 1979
2300 GMT

161 12. 0

TIME MIN	CNTCY	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.3	314.0	961.7	32.6	20.5	130.0	6.2	-4.7	4.0	309.2	353.2	16.0	49.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	11.5	424.4	950.0	30.6	20.7	134.0	12.1	-8.7	8.4	308.2	353.3	16.5	55.8	0.4	317.
1.5	13.9	642.7	925.0	27.8	19.0	133.8	12.6	-9.1	8.7	307.8	349.2	15.1	58.6	1.8	315.
2.5	16.3	905.5	900.0	25.2	17.6	136.0	11.5	-8.0	8.3	307.5	346.6	14.3	62.9	1.8	315.
3.4	18.9	1152.7	875.0	22.7	16.9	140.8	13.2	-9.4	10.1	307.4	345.8	14.0	69.7	2.4	315.
4.2	21.2	1405.1	850.0	20.7	16.5	151.4	10.6	-5.1	9.3	307.8	346.4	14.1	77.0	3.1	317.
4.9	23.8	1663.4	825.0	19.5	12.7	177.7	9.2	-0.4	9.1	309.3	340.8	11.3	64.8	3.4	319.
5.9	26.3	1928.8	800.0	19.4	9.5	215.5	10.4	6.1	8.5	311.8	338.5	9.4	82.8	3.7	327.
6.3	28.9	2202.2	775.0	20.1	-5.6	232.8	11.8	9.1	6.9	315.5	325.4	5.3	17.1	3.8	336.
7.8	31.5	2483.7	750.0	18.8	-18.5	231.4	12.0	9.4	7.5	317.0	320.9	1.2	6.6	4.0	345.
8.9	34.2	2772.5	725.0	16.3	-18.9	223.6	11.8	8.2	8.6	317.4	321.2	1.2	7.4	4.5	354.
9.9	36.9	3068.9	700.0	13.6	-20.4	220.6	11.0	7.7	7.8	317.6	321.1	1.1	7.7	4.9	0.
10.9	39.7	3373.1	675.0	10.8	-22.1	221.7	10.5	7.0	7.8	317.7	320.9	1.0	8.0	5.4	5.
11.9	42.6	3685.7	650.0	8.0	-23.8	216.8	10.1	6.9	8.1	318.0	320.9	0.9	8.3	6.0	9.
13.0	45.3	4006.9	625.0	4.8	-25.7	213.7	9.2	5.1	7.7	317.9	320.5	0.7	8.7	6.6	11.
14.1	48.2	4337.5	600.0	1.7	-26.4	210.2	9.3	4.7	8.0	318.0	320.5	0.7	10.2	7.1	13.
15.3	51.2	4678.3	575.0	-1.5	-29.3	215.5	8.9	5.2	7.3	318.3	320.3	0.6	9.8	7.7	14.
16.5	54.3	5030.6	550.0	-4.8	-32.9	224.8	10.9	7.6	7.8	319.4	320.9	0.4	8.3	8.3	16.
17.7	57.4	5395.9	525.0	-8.0	-36.8	228.1	11.5	8.6	7.7	321.2	322.3	0.3	8.6	9.1	19.
19.1	60.5	5776.5	500.0	-7.8	-37.8	238.3	12.2	10.4	6.4	323.5	324.6	0.3	6.8	9.9	22.
20.4	63.9	6173.2	475.0	-10.3	-40.1	246.8	13.3	12.2	5.2	325.2	326.1	0.2	6.5	10.7	26.
21.8	67.1	6587.1	450.0	-13.4	-41.2	267.4	13.9	12.8	5.3	326.4	327.2	0.2	7.5	11.5	29.
23.1	70.6	7019.1	425.0	-16.7	-44.0	264.6	15.9	14.3	6.8	327.5	328.2	0.2	7.3	12.5	33.
24.5	74.3	7471.2	400.0	-20.7	-46.5	269.2	15.3	13.8	6.4	328.1	328.6	0.1	7.8	13.7	36.
26.0	78.0	7944.7	375.0	-24.7	-48.5	237.8	13.2	11.1	7.2	328.9	329.4	0.1	8.8	14.8	38.
27.6	81.8	8442.6	350.0	-29.1	-51.5	228.8	13.2	9.8	8.8	329.5	329.9	0.1	9.3	16.0	39.
29.2	85.8	8966.9	325.0	-34.0	-54.6	229.4	13.5	10.2	8.8	329.8	330.1	0.1	10.3	17.3	40.
31.0	90.0	9521.6	300.0	-39.0	-57.4	232.4	14.1	11.2	8.6	330.4	330.6	0.1	12.1	18.7	40.
32.7	94.4	10113.3	275.0	-43.5	99.9	229.2	16.0	12.1	10.4	332.3	999.9	99.9	999.9	20.2	41.
34.8	99.2	10746.7	250.0	-48.6	99.9	232.8	18.1	14.3	11.2	333.8	999.9	99.9	999.9	22.3	42.
37.0	104.0	11432.8	225.0	-52.4	99.9	237.9	22.4	19.0	11.9	338.2	999.9	99.9	999.9	25.0	43.
39.7	109.4	12194.6	200.0	-58.5	99.9	242.8	23.7	21.0	10.8	340.1	999.9	99.9	999.9	28.4	44.
42.5	115.2	13018.7	175.0	-60.8	99.9	240.7	28.9	25.2	14.2	349.6	999.9	99.9	999.9	32.5	46.
45.6	121.5	13979.8	150.0	-60.7	99.9	236.3	32.7	27.2	18.2	365.5	999.9	99.9	999.9	38.5	49.
49.3	128.3	15108.7	125.0	-63.9	99.9	241.0	29.8	26.1	14.5	379.2	999.9	99.9	999.9	45.5	51.
53.7	136.3	16461.2	100.0	-68.3	99.9	238.9	24.9	21.3	12.9	395.8	999.9	99.9	999.9	52.2	52.
59.1	145.3	18197.8	75.0	-64.4	99.9	194.3	13.8	3.4	13.4	437.8	999.9	99.9	999.9	58.6	51.
66.9	155.8	20698.7	50.0	-57.4	99.9	136.3	7.2	-5.0	5.2	508.2	999.9	99.9	999.9	68.9	49.
79.2	165.8	25186.7	25.0	-47.9	99.9	999.9	99.9	99.9	99.9	647.8	999.9	99.9	999.9	96.1	45.

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STATION NO. 261
DEL RIO, TEXAS

10 MAY 1979
205 GMT

161 13. 9

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.0	316.3	963.0	28.9	19.5	110.0	6.2	-5.8	2.1	305.3	346.0	15.0	57.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	11.1	439.3	950.0	28.3	20.2	117.4	13.0	-11.8	6.0	305.9	349.9	15.9	61.5	0.3	296.
1.2	13.5	672.3	925.0	26.5	18.6	125.2	15.9	-13.0	9.2	306.4	349.8	14.8	62.0	0.9	299.
2.3	15.3	816.1	900.0	25.0	17.8	132.3	17.3	-12.8	11.6	307.3	349.8	14.4	64.3	1.8	304.
3.9	14.5	1071.2	875.0	22.4	17.1	140.0	16.5	-10.6	12.6	307.1	346.0	14.2	72.0	2.6	308.
5.4	21.3	1413.3	850.0	20.4	16.7	152.5	16.1	-7.4	14.3	307.5	345.5	14.2	77.1	3.5	312.
6.7	21.5	1571.4	825.0	19.3	13.3	175.8	15.2	-1.1	15.1	309.3	341.7	11.8	65.3	4.2	315.
7.6	24.1	1734.2	800.0	19.6	6.3	197.7	14.9	5.3	14.2	312.0	331.0	8.5	36.5	4.9	320.
8.9	24.6	2211.3	775.0	19.7	-4.5	207.6	13.4	6.2	11.8	315.0	325.8	3.6	19.1	5.3	333.
9.8	31.2	2466.3	750.0	17.6	-7.1	221.6	13.3	8.8	9.9	315.7	325.0	3.0	17.8	5.7	340.
10.5	31.8	2724.2	725.0	15.5	-16.3	234.5	14.1	10.7	9.1	316.5	321.3	1.5	9.7	6.1	347.
11.5	31.6	2982.3	700.0	12.9	-18.2	237.9	14.1	12.0	7.5	316.8	321.0	1.3	9.8	6.5	354.
12.7	34.2	3242.4	675.0	10.1	-20.6	239.0	15.0	12.9	7.7	316.9	320.5	1.1	9.6	6.9	1.
13.7	41.3	3502.3	650.0	7.3	-22.4	241.4	14.9	13.1	7.1	317.3	320.5	1.0	9.9	7.4	8.
14.3	44.3	4313.5	625.0	4.0	-25.1	241.3	15.5	13.6	7.4	317.3	319.7	0.8	9.7	8.1	14.
14.3	47.3	4343.7	600.0	1.9	-23.5	246.9	14.8	13.6	5.8	318.3	320.2	0.5	7.5	9.0	20.
15.7	51.8	4593.2	575.0	1.1	-35.1	245.8	12.2	11.1	5.0	321.3	322.5	0.3	4.6	9.8	25.
17.4	54.8	5034.3	550.0	-1.6	-34.4	245.2	11.2	10.2	4.7	322.2	323.5	0.4	6.1	10.4	28.
17.2	54.3	5283.4	525.0	-5.2	-38.2	244.7	11.2	10.1	4.8	322.2	323.2	0.3	5.3	11.2	31.
17.5	61.0	5787.1	500.0	-8.4	-40.1	238.1	11.5	9.3	6.7	322.8	323.6	0.2	5.7	11.9	33.
17.6	64.1	6182.5	475.0	-11.9	-42.3	229.6	11.0	8.4	7.2	323.2	324.0	0.2	6.1	12.6	34.
18.9	64.5	6533.6	450.0	-15.5	-44.0	238.7	12.9	11.0	6.7	323.9	324.4	0.2	6.5	13.5	35.
21.3	64.2	7322.7	425.0	-19.3	-46.4	240.6	15.8	13.7	7.7	325.6	326.1	0.1	6.3	14.6	37.
23.9	71.6	7872.5	400.0	-21.2	-48.1	241.7	15.3	13.4	7.3	327.5	328.0	0.1	6.7	16.0	39.
24.5	77.0	7997.1	375.0	-23.8	-49.7	234.7	14.1	11.5	8.2	330.2	330.6	0.1	7.0	17.3	41.
24.1	80.5	8446.5	350.0	-28.3	-52.6	227.4	13.5	9.9	9.1	330.6	330.9	0.1	7.6	18.6	42.
23.3	84.8	8771.1	325.0	-33.0	-55.7	229.7	13.9	10.6	9.0	331.2	331.4	0.1	8.2	20.1	42.
31.5	81.9	9531.5	300.0	-37.8	-58.9	236.1	15.9	13.2	8.9	332.1	332.3	0.0	8.8	21.6	43.
31.5	91.2	10124.6	275.0	-42.4	99.9	244.5	17.3	15.6	7.5	333.9	999.9	99.9	999.9	23.4	44.
30.7	97.9	10761.3	250.0	-47.2	99.9	251.8	16.4	15.5	5.1	335.9	999.9	99.9	999.9	25.4	46.
34.3	102.9	11446.5	225.0	-53.2	99.9	246.6	16.6	15.2	6.6	337.1	999.9	99.9	999.9	27.4	48.
42.1	104.3	12199.0	200.0	-59.8	99.9	237.4	20.0	16.8	10.8	339.6	999.9	99.9	999.9	29.8	49.
43.5	113.9	13032.5	175.0	-60.0	99.9	241.0	27.5	24.0	13.3	350.9	999.9	99.9	999.9	34.2	51.
46.9	121.3	13990.9	150.3	-59.7	99.9	237.6	32.1	27.1	17.2	365.5	999.9	99.9	999.9	40.4	52.
50.9	127.0	15125.5	125.0	-64.6	99.9	238.7	28.6	24.4	14.8	378.1	999.9	99.9	999.9	46.0	53.
55.7	135.0	16471.5	100.0	-67.1	99.9	237.3	22.3	18.7	12.0	398.1	999.9	99.9	999.9	55.2	54.
61.4	144.3	18205.3	75.0	-69.8	99.9	195.6	13.6	3.7	13.4	426.5	999.9	99.9	999.9	61.2	52.
69.6	154.5	20706.7	50.0	-59.5	99.9	123.6	7.6	-6.3	4.2	505.7	999.9	99.9	999.9	62.8	50.
82.9	165.0	25167.3	25.0	-48.7	99.9	999.9	99.9	99.9	99.9	644.8	999.9	99.9	999.9	57.4	45.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
DEL RIO, TEXAS

10 MAY 1979
505 GMT

161 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.0	314.0	965.0	26.2	22.9	139.0	7.7	-5.0	4.9	302.1	351.5	18.5	82.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	11.5	459.4	950.0	23.6	21.5	131.2	15.0	-11.9	10.4	301.2	346.9	17.3	87.9	0.4	309.
1.3	13.8	692.7	925.0	21.7	20.7	136.5	16.7	-11.5	12.1	301.5	346.1	16.8	94.8	1.1	310.
2.2	16.3	930.8	900.0	19.9	18.9	147.1	16.0	-9.0	13.1	302.0	343.4	15.5	94.4	2.0	315.
3.0	18.7	1174.5	875.0	20.1	17.8	161.9	17.6	-5.5	16.7	304.7	344.9	14.9	86.7	2.9	321.
3.9	21.2	1426.1	850.0	21.4	11.5	175.0	18.2	-1.6	18.1	308.6	336.8	10.1	53.0	3.8	328.
4.7	23.7	1685.3	825.0	20.9	8.3	183.0	17.3	0.9	17.3	310.7	334.6	8.4	44.3	4.4	334.
5.6	26.2	1950.4	800.0	19.0	7.4	187.2	16.6	2.1	16.5	311.4	334.6	8.1	46.9	5.2	339.
6.6	29.9	2271.5	775.0	17.9	-1.9	197.6	14.9	4.5	14.2	313.1	326.1	4.4	28.4	6.1	344.
7.7	31.4	2502.1	750.0	16.4	-13.6	213.6	14.1	7.8	11.8	314.4	320.2	1.8	11.6	6.8	349.
9.8	34.1	2789.0	725.0	15.3	-40.6	221.5	15.8	10.5	11.8	318.2	316.7	0.1	1.8	7.5	355.
9.9	36.8	3084.1	700.0	12.5	-42.1	228.0	16.6	12.4	11.1	316.3	316.4	0.1	1.8	8.2	1.
11.0	39.6	3386.9	675.0	9.8	-43.4	237.8	15.4	13.1	8.2	318.4	316.9	0.1	1.1	8.9	6.
12.1	42.3	3694.3	650.0	7.0	-39.4	246.1	14.6	13.3	5.9	318.9	317.5	0.2	2.8	9.5	11.
13.3	45.2	4019.2	625.0	4.2	-39.7	249.5	13.6	12.6	5.0	317.2	317.9	0.2	2.3	10.1	16.
14.4	48.1	4347.9	600.0	1.0	-38.6	240.1	12.1	10.5	6.0	317.3	318.1	0.2	3.3	10.7	20.
15.7	51.1	4687.5	575.0	-1.7	-39.5	242.6	10.3	9.2	4.8	318.1	318.8	0.2	3.6	11.3	22.
17.1	54.1	5040.2	550.0	-3.4	-38.6	237.8	10.3	8.6	5.6	329.8	320.9	0.2	4.5	11.9	25.
18.5	57.1	5405.6	525.0	-6.9	-35.7	226.0	9.4	6.7	6.5	320.1	321.3	0.3	7.9	12.7	28.
19.9	60.5	5784.0	500.0	-9.5	-48.4	221.7	11.5	7.7	8.6	321.5	322.0	0.1	3.1	13.5	27.
21.2	61.8	6179.3	475.0	-11.9	-57.5	217.3	12.9	7.8	10.3	323.3	323.4	0.9	1.0	14.4	26.
22.6	67.1	6594.1	450.0	-15.6	-59.8	211.4	13.9	7.2	11.9	323.7	323.8	0.0	1.0	15.4	29.
23.8	70.6	7316.9	425.0	-19.8	-62.3	213.8	12.8	7.2	10.7	323.6	323.7	0.0	1.0	16.5	29.
25.7	74.1	7463.8	400.0	-22.6	-62.3	225.6	12.5	8.9	8.8	325.6	325.7	0.0	1.3	17.9	30.
27.6	77.9	7934.2	375.0	-26.2	-63.1	234.3	12.6	10.2	7.4	326.9	327.0	0.0	1.7	19.3	31.
29.6	81.7	8429.9	350.0	-29.6	-63.4	231.8	12.7	10.0	7.9	328.9	329.0	0.0	2.2	20.8	33.
31.4	85.9	8953.8	325.0	-33.9	-63.6	230.8	14.2	11.0	9.0	330.8	330.1	0.0	3.2	22.0	34.
33.2	90.0	9509.1	300.0	-39.7	-63.8	233.8	14.4	11.6	8.5	330.8	330.9	0.0	5.1	23.5	35.
35.1	94.5	10101.5	275.0	-43.2	99.9	237.2	14.2	11.9	7.7	332.7	999.9	99.9	999.9	25.2	36.
37.4	99.2	10736.4	250.0	-49.4	99.9	239.1	14.8	12.5	7.5	336.1	999.9	99.9	999.9	26.8	38.
40.0	104.2	11422.3	225.0	-53.8	99.9	232.6	16.1	12.8	9.8	336.1	999.9	99.9	999.9	29.2	39.
42.4	107.5	12169.8	200.0	-58.7	99.9	239.7	20.8	17.2	10.1	339.9	999.9	99.9	999.9	31.6	41.
45.3	113.5	13003.3	175.0	-60.2	99.9	246.5	28.6	26.3	11.4	350.5	999.9	99.9	999.9	35.3	44.
48.9	121.9	13961.5	150.0	-61.6	99.9	240.6	32.7	28.5	16.0	366.0	999.9	99.9	999.9	41.8	46.
53.2	129.8	15083.8	125.0	-64.9	99.9	240.1	28.3	24.5	14.1	377.4	999.9	99.9	999.9	50.8	49.
58.1	137.0	16433.9	100.0	-69.0	99.9	226.2	18.2	13.1	12.6	394.4	999.9	99.9	999.9	56.4	49.
63.9	14	18151.6	75.0	-71.9	99.9	206.1	11.8	5.2	10.6	422.1	999.9	99.9	999.9	61.8	48.
72.8	155	20624.9	50.0	-62.7	99.9	132.9	8.4	-6.1	5.7	495.8	999.9	99.9	999.9	63.4	46.
85.9	165.3	25398.4	25.0	-69.9	99.9	92.8	12.2	-12.2	0.6	641.6	999.9	99.9	999.9	57.8	40.

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STATION NO. 261
DEL RIO, TEXAS

10 MAY 1979
805 GMT

162 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E P V T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	3.6	314.3	966.2	25.2	22.1	130.0	6.2	-4.7	4.0	331.3	348.5	17.9	84.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
.6	11.3	462.4	950.0	23.7	21.9	129.3	10.6	-8.3	6.6	301.3	348.1	17.7	89.0	0.3	314.
1.6	13.5	590.9	925.0	22.1	21.1	143.9	12.5	-7.6	10.1	331.9	347.7	17.3	94.0	0.9	314.
2.2	17.4	715.4	900.0	21.5	20.5	160.9	15.8	-5.2	14.9	333.7	349.4	17.1	93.9	1.6	322.
3.3	19.1	843.4	875.0	23.2	14.7	173.0	17.1	-2.1	17.0	336.8	344.5	16.2	93.9	2.3	331.
3.9	21.4	969.4	850.0	18.4	17.4	177.9	18.8	-0.7	18.8	335.5	346.0	14.9	91.7	3.2	338.
4.5	23.3	1097.4	825.0	17.7	8.2	182.6	17.9	0.8	17.9	337.3	337.1	10.4	71.9	4.2	344.
5.9	25.4	1227.4	800.0	23.6	-13.7	183.3	15.8	0.9	15.7	313.1	314.3	1.7	8.7	5.2	348.
7.3	27.3	1357.4	775.0	19.4	-34.1	188.1	14.9	2.1	14.8	314.7	315.3	0.2	1.0	6.2	350.
8.1	29.4	1488.4	750.0	19.2	-34.2	200.5	13.8	4.8	12.9	317.4	318.1	0.2	1.0	7.0	354.
8.1	31.5	1619.4	725.0	16.4	-39.3	205.6	13.7	5.9	12.3	317.5	318.1	0.2	1.0	7.9	357.
8.2	33.2	1751.4	700.0	13.9	-41.4	217.7	13.3	8.2	10.6	317.9	318.4	0.1	1.0	8.5	360.
11.3	34.3	1884.4	675.0	11.2	-43.0	227.4	13.6	10.0	9.2	318.2	318.7	0.1	1.0	9.2	4.
12.6	41.9	2018.4	650.0	8.2	-44.9	237.2	13.2	11.1	7.1	318.2	318.6	0.1	1.0	9.8	8.
14.4	44.7	2153.4	625.0	5.2	-46.4	243.0	12.8	11.4	5.8	318.4	318.7	0.1	1.0	10.4	12.
14.9	47.5	2289.4	600.0	1.7	-48.9	245.2	13.1	11.9	5.5	319.1	318.4	0.1	1.0	10.9	16.
15.3	50.3	2426.4	575.0	-1.4	-50.5	248.5	13.8	12.8	5.1	318.4	318.6	0.1	1.0	11.6	19.
17.2	53.5	2564.4	550.0	-4.9	-52.7	242.7	13.8	12.2	6.3	318.2	318.4	0.0	1.0	12.3	23.
17.4	56.6	2703.4	525.0	-6.9	-54.3	221.4	11.8	7.8	8.8	320.2	320.4	0.0	1.0	13.1	25.
17.9	59.9	2843.4	500.0	-11.1	-56.3	230.0	12.2	5.0	11.1	320.8	320.9	0.0	1.0	14.0	26.
21.2	63.3	2984.4	475.0	-13.7	-58.3	231.2	14.2	5.1	13.2	321.6	321.7	0.0	1.0	15.1	25.
21.3	66.8	3126.4	450.0	-15.9	-60.0	230.0	15.1	6.2	13.8	323.3	323.4	0.0	1.0	16.6	25.
24.5	69.7	3269.4	425.0	-16.8	-60.6	217.9	15.1	9.3	11.9	327.4	327.6	0.0	1.0	18.1	25.
24.3	73.9	3413.4	400.0	-19.9	-62.6	229.8	14.6	11.2	9.4	329.1	329.2	0.0	1.0	19.4	27.
27.7	77.3	3558.4	375.0	-23.6	-65.0	235.2	14.3	11.7	8.1	330.4	330.5	0.0	1.0	20.6	28.
27.4	81.9	3704.4	350.0	-27.9	-67.8	232.8	14.7	11.7	8.9	331.2	331.2	0.0	1.0	22.0	30.
31.3	84.9	3852.4	325.0	-32.6	-73.3	237.7	14.2	12.0	7.6	331.7	331.7	0.0	1.0	23.5	32.
3	84.9	3961.6	309.0	-36.7	-73.6	239.3	14.0	12.1	7.2	333.6	333.6	0.0	1.0	25.0	34.
1	93.2	10139.0	275.0	-41.5	99.9	245.4	12.2	11.1	5.1	335.2	999.9	99.9	999.9	26.3	35.
1	94.3	13776.4	250.0	-47.4	99.9	244.1	12.7	11.4	5.5	335.6	999.9	99.9	999.9	27.8	37.
1	97.9	11644.9	225.0	-51.1	99.9	241.8	14.8	13.1	7.0	337.1	999.9	99.9	999.9	29.2	38.
47.6	104.2	12215.9	200.0	-54.3	99.9	242.3	20.4	18.0	9.5	340.5	999.9	99.9	999.9	32.0	40.
45.6	114.3	13650.6	175.0	-59.6	99.9	242.9	31.0	27.6	14.1	351.5	999.9	99.9	999.9	36.7	43.
49.1	120.3	14339.6	150.0	-62.9	99.9	243.6	32.5	29.1	14.5	361.7	999.9	99.9	999.9	43.2	47.
53.1	127.3	15127.6	125.0	-64.9	99.9	239.6	29.0	25.0	14.6	377.5	999.9	99.9	999.9	50.5	49.
57.9	135.9	16092.4	100.0	-66.9	99.9	225.8	20.5	14.5	14.5	398.6	999.9	99.9	999.9	57.4	49.
63.2	144.9	17197.9	75.0	-71.1	99.9	200.3	14.7	5.1	13.8	423.8	999.9	99.9	999.9	62.7	48.
71.3	154.5	23534.2	50.0	-59.2	99.9	129.4	6.9	-5.3	4.3	506.4	999.9	99.9	999.9	66.3	46.
80.5	165.0	25184.2	25.0	-69.5	99.9	999.9	99.9	99.9	99.9	662.6	999.9	99.9	999.9	81.1	42.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 261
OEL RIO, TEXAS

18 MAY 1979
1105 GMT

194 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.0	314.8	965.4	23.9	21.2	130.0	4.1	-3.1	2.6	300.1	344.1	16.7	83.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	11.3	453.2	950.0	22.8	21.7	132.5	11.4	-8.4	7.7	300.4	346.3	17.5	93.1	0.3	310.
1.2	13.7	687.9	925.0	21.2	20.6	145.4	11.6	-6.6	9.5	301.9	345.5	16.8	[illegible]	0.7	313.
2.1	16.2	926.3	900.0	20.6	20.1	173.0	11.6	-1.4	11.6	302.8	347.3	16.7	96.7	1.3	328.
2.9	18.7	1170.7	875.0	19.7	19.2	196.9	11.4	3.3	10.9	304.3	347.9	16.2	96.6	1.8	338.
3.8	21.2	1421.3	850.0	18.9	18.6	203.6	10.1	5.5	12.9	306.0	348.9	16.3	98.1	2.2	349.
4.5	23.8	1680.0	825.0	22.1	6.0	209.8	10.8	8.1	14.7	311.9	332.6	7.2	35.4	2.9	358.
5.5	26.4	1946.7	800.0	21.2	-3.1	204.7	17.5	7.3	15.9	313.7	325.2	3.8	19.4	3.7	0.
6.4	29.9	2220.2	775.0	19.5	-6.4	208.4	10.6	7.4	14.9	314.8	324.1	3.1	16.7	4.6	0.
7.3	31.6	2500.5	750.0	17.0	-10.8	220.5	15.1	9.8	11.5	315.1	322.0	2.2	13.8	5.5	13.
8.2	34.2	2787.9	725.0	14.4	-12.6	225.2	14.7	10.4	10.3	315.3	321.6	2.0	14.1	6.2	17.
9.2	37.0	3081.9	700.0	11.2	-12.7	226.4	14.4	10.5	10.0	314.9	321.3	2.1	17.3	6.9	20.
10.3	39.8	3383.7	675.0	8.3	-13.0	226.4	14.0	10.1	9.6	314.9	321.4	2.1	20.5	7.8	23.
11.4	42.5	3693.8	650.0	6.1	-20.7	222.6	14.2	9.6	10.4	315.9	318.8	1.9	9.7	8.6	26.
12.5	45.4	4013.7	625.0	4.1	-32.4	217.2	14.0	8.4	11.1	317.1	318.5	1.4	6.9	9.6	27.
13.6	48.3	4343.6	600.0	1.3	-33.8	213.0	12.8	7.0	10.8	317.6	318.9	0.4	5.2	10.5	29.
14.9	51.2	4684.1	575.0	-1.7	-35.4	211.2	14.9	7.7	12.7	318.0	319.1	0.3	5.5	11.4	28.
16.0	54.3	5035.9	550.0	-4.3	-40.8	211.2	16.0	8.7	14.3	319.0	319.7	0.2	3.8	12.6	28.
17.3	57.3	5399.9	525.0	-7.4	-44.2	208.8	17.1	8.2	15.8	319.5	320.0	0.1	3.4	13.9	29.
18.6	60.4	5778.2	500.0	-9.7	-56.1	208.7	16.1	8.7	15.1	321.2	321.4	0.0	1.0	15.2	28.
19.8	63.4	6172.1	475.0	-12.5	-57.9	198.7	15.0	2.8	14.7	322.5	322.6	0.0	1.0	16.3	27.
21.4	67.0	6581.9	450.0	-15.9	-60.0	198.8	13.4	4.3	12.7	323.3	323.4	0.0	1.0	17.5	27.
22.8	70.3	7012.9	425.0	-18.0	-60.1	210.5	14.7	7.5	12.7	328.5	328.6	0.0	1.0	18.8	26.
24.6	73.9	7466.1	400.0	-19.8	-62.5	220.7	15.1	9.9	11.4	329.3	329.4	0.0	1.0	20.3	27.
26.0	77.4	7941.4	375.0	-23.7	-60.8	235.0	11.3	9.2	6.5	330.3	330.4	0.0	1.0	21.9	28.
27.6	81.2	8441.2	350.0	-28.0	-57.1	244.1	10.8	9.7	4.7	331.1	331.3	0.0	4.2	22.2	9.
29.4	85.1	8968.6	325.0	-32.6	-58.0	246.4	11.6	10.7	4.6	331.8	332.0	0.0	5.0	23.3	11.
31.2	89.0	9527.3	300.0	-37.2	-60.3	247.8	12.2	11.3	4.6	333.0	333.1	0.0	8.9	24.2	3.
33.2	93.3	10122.5	275.0	-41.9	99.9	236.0	12.3	10.2	6.9	334.6	999.9	99.9	999.9	25.7	5.
35.3	97.8	10760.5	250.0	-47.2	99.9	227.8	14.8	10.3	9.6	335.9	999.9	99.9	999.9	27.8	3.
37.6	102.6	11448.8	225.0	-52.9	99.9	234.5	14.5	11.8	8.4	337.4	999.9	99.9	999.9	29.3	3.
40.2	107.6	12198.4	200.0	-58.1	99.9	232.1	22.9	18.1	14.1	340.8	999.9	99.9	999.9	31.6	3.
43.0	113.8	13037.2	175.0	-61.8	99.9	240.8	34.7	30.2	16.9	349.2	999.9	99.9	999.9	36.4	4.
46.5	119.3	13979.8	150.0	-64.2	99.9	244.1	38.6	33.0	18.8	359.5	999.9	99.9	999.9	43.7	4.
50.5	125.5	15091.2	125.0	-65.6	99.9	238.5	32.2	27.4	16.8	376.3	999.9	99.9	999.9	51.7	4.
55.2	132.7	16464.1	100.0	-67.8	99.9	227.1	25.6	18.7	17.4	398.8	999.9	99.9	999.9	59.5	4.
60.4	140.7	18158.9	75.0	-71.2	99.9	198.4	14.2	2.8	13.9	423.7	999.9	99.9	999.9	66.5	4.
67.8	149.0	20647.3	50.0	-68.2	99.9	133.8	5.9	-4.3	4.0	461.7	999.9	99.9	999.9	67.6	4.
79.6	157.7	25116.4	25.0	-58.6	99.9	999.9	99.9	99.9	99.9	539.5	999.9	99.9	999.9	69.0	4.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR T.HE HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEXAS

9 MAY 1979
1100 GMT

156 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
.3	15.9	973.3	902.9	23.6	17.9	180.3	7.7	0.0	7.7	302.5	341.0	14.4	84.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	999.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
.1	15.1	933.1	900.0	24.7	17.6	136.7	12.1	8.5	11.5	303.9	346.9	16.0	87.1	0.3	23.
1.1	14.5	1148.7	875.0	23.8	14.4	135.5	14.1	9.8	13.5	304.4	346.4	15.6	92.4	0.8	19.
1.9	24.1	1348.3	850.0	18.9	14.9	233.5	16.4	6.5	15.0	305.9	340.4	12.6	77.5	1.5	17.
2.7	23.6	1547.3	825.0	13.3	7.9	223.8	13.7	9.5	9.9	309.0	332.0	8.1	67.6	2.2	23.
3.5	25.1	1747.4	800.0	10.5	1.3	248.1	10.0	9.2	3.7	310.9	326.9	5.5	52.6	2.8	29.
4.5	25.7	1947.4	775.0	10.7	-11.4	259.9	8.8	8.5	1.7	311.8	318.8	2.3	34.9	3.1	36.
5.5	31.3	2145.4	750.0	15.3	-20.3	246.4	9.9	9.1	3.9	312.9	316.2	1.0	7.1	3.5	42.
6.5	28.3	2350.7	725.0	13.3	-21.3	231.2	12.4	9.6	7.7	313.8	316.9	1.0	7.4	4.2	47.
7.5	31.8	2548.7	700.0	11.7	-22.0	218.0	13.5	8.3	10.6	315.5	318.6	0.9	7.6	5.0	44.
8.7	32.6	2747.8	675.0	9.9	-21.1	210.5	17.9	9.1	15.4	316.7	319.6	0.9	7.8	6.0	42.
9.7	32.4	2947.3	650.0	7.3	-20.5	206.4	21.6	9.6	19.3	317.2	319.9	0.8	8.2	7.3	40.
10.9	33.1	3147.7	625.0	4.5	-20.2	206.5	26.0	11.6	23.3	317.6	320.0	0.7	8.5	8.8	37.
11.3	41.2	3312.2	610.0	2.2	-62.5	204.1	22.8	11.1	19.9	318.6	319.2	0.1	2.0	10.4	36.
11.3	51.7	3312.3	575.0	-5.4	-38.9	211.8	19.9	10.5	16.9	319.5	320.4	0.2	3.5	11.7	35.
14.1	56.3	5335.5	550.0	-3.2	-48.9	214.9	19.5	11.1	16.0	320.3	320.8	0.1	1.8	13.0	35.
15.2	57.6	5377.2	535.0	-5.5	-33.5	218.7	19.4	12.2	15.2	321.9	323.4	0.4	8.8	14.3	35.
16.1	61.6	5552.5	500.0	-8.8	-29.6	225.2	17.9	12.7	12.6	322.4	324.8	0.7	15.4	15.6	36.
17.	63.9	5747..	475.0	-12.6	-25.3	229.7	16.3	13.7	12.0	322.4	325.8	1.0	33.6	16.9	37.
18.4	64.9	5950.9	450.0	-16.5	-24.2	223.6	16.1	12.5	13.1	322.5	325.3	0.8	35.2	18.3	38.
19.3	73.4	6441.3	425.0	-19.3	-40.8	222.3	16.1	12.2	13.4	324.2	325.2	0.3	13.0	19.9	38.
20.4	79.6	7011.3	400.0	-21.4	-65.4	222.6	15.9	13.5	14.7	327.2	327.5	0.2	9.3	21.6	38.
23.5	79.2	7015.4	375.0	-25.1	-65.5	221.7	19.2	12.7	14.4	328.4	329.0	0.2	12.8	23.4	39.
24.2	82.1	7422.5	350.0	-28.3	-67.3	220.8	19.0	12.4	14.4	329.3	329.8	0.1	15.4	25.3	39.
24.9	86.2	7829.3	325.0	-33.7	-52.1	222.0	22.2	14.9	16.5	330.3	330.7	0.1	13.6	27.4	39.
24.5	93.1	8443.5	300.0	-37.9	99.9	227.1	22.5	16.5	15.3	331 9	999.9	99.9	999.9	29.8	39.
1.6	96.9	10376.3	275.0	43.7	99.9	232.5	22.3	17.7	13.6	331.9	999.9	99.9	999.9	32.4	40.
32.7	93.6	10713.1	250.0	-43.9	39.9	235.9	20.8	17.2	11.7	333.2	999.9	99.9	999.9	35.3	41.
34.9	106.5	11343.5	225.0	-54.5	99.9	238.6	23.0	19.6	12.0	334.9	999.9	99.9	999.9	37.6	42.
37.1	113.3	12117.7	200.0	-59.8	99.9	234.8	26.8	21.9	15.4	338.6	999.9	99.9	999.9	41.0	44.
38.6	115.8	12363.3	175.0	-64.2	99.9	233.1	27..	22.9	17.2	344.8	999.9	99.9	999.9	45.1	44.
42.8	122.3	13923.3	150.0	-61.3	99.9	230.0	27.4	21.8	17.6	364.5	999.9	99.9	999.9	49.8	45.
45.8	125.0	15067.5	125.0	-66.4	99.9	225.8	28.7	17.7	17.2	378.4	999.9	99.9	999.9	54.7	45.
49.6	137.9	16413.5	100.0	-65.4	99.9	230.3	29.9	19.1	15.9	401.4	999.9	99.9	999.9	60.9	46.
54.0	145.7	18183.7	75.0	-64.0	99.9	210.9	18.1	9.3	15.5	438.8	999.9	99.9	999.9	66.2	46.
63.3	155.7	20733.5	50.0	-57.6	99.9	128.3	6.7	-5.2	4.1	507.7	999.9	99.9	999.9	69.7	46.
70.5	166.0	25223.4	25.0	-48.3	99.9	132.3	3.5	-2.6	2.4	651.5	999.9	99.9	999.9	67.4	42.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
+ BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 264
MIDLAND, TEXAS

9 MAY 1979
1418 GMT

120 34. 0

TIME MIN	CNTTY	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.1	873.0	903.5	24.4	17.9	190.0	9.3	1.6	9.2	300.3	345.7	14.5	67.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	15.4	907.0	900.0	23.3	17.2	191.7	9.6	1.9	9.4	305.5	343.3	13.9	68.7	0.1	3.
0.3	17.6	1152.2	875.0	20.7	17.4	193.7	16.0	2.4	9.7	309.3	344.5	14.5	81.9	0.7	12.
1.4	19.9	1402.6	850.0	18.2	13.7	202.2	9.8	3.7	9.0	305.2	337.3	11.8	75.3	1.2	13.
2.7	22.3	1659.0	825.0	15.2	-0.4	17.1	7.2	4.3	5.7	300.9	323.4	5.8	29.7	1.6	18.
3.8	24.6	1923.3	800.0	19.0	-16.8	217.8	8.3	5.1	6.5	311.5	319.5	1.3	7.4	2.1	23.
4.9	27.0	2194.3	775.0	17.0	-20.9	205.8	9.5	4.1	8.6	312.1	319.1	0.9	5.9	2.7	25.
6.0	29.4	2472.5	751.0	15.6	-18.7	207.3	10.5	4.8	9.3	313.5	317.2	1.2	7.8	3.3	29.
7.3	31.8	2759.2	725.0	13.1	-20.2	213.7	12.0	6.7	10.0	313.8	317.2	1.1	8.1	4.0	28.
8.8	34.3	3051.4	700.0	11.2	-22.7	207.9	15.3	7.1	13.5	314.9	317.8	0.9	7.5	4.7	27.
9.2	36.9	3353.9	675.0	9.6	-29.1	209.1	17.0	8.2	14.8	316.4	318.1	0.5	4.6	5.9	27.
10.6	39.4	3666.0	650.0	8.2	-40.0	211.8	20.3	10.7	17.2	318.3	319.0	0.2	2.8	7.2	28.
11.6	42.1	3987.7	625.0	5.4	-35.0	213.2	23.3	12.7	19.5	318.6	319.7	0.3	3.4	8.9	29.
12.9	44.8	4319.3	600.0	2.6	-35.9	217.7	23.8	14.5	18.8	319.1	320.2	0.3	3.8	10.6	30.
14.3	47.5	4661.4	575.0	-0.2	-31.8	220.2	25.1	16.2	19.2	319.7	321.3	0.5	7.0	12.6	31.
15.5	50.3	5014.7	550.0	-3.1	-30.2	219.7	23.9	15.8	18.1	320.4	321.3	0.3	4.6	14.5	32.
16.9	53.1	5383.9	525.0	-5.7	-30.8	218.2	21.9	13.3	17.0	321.6	322.5	0.2	5.3	16.2	33.
18.3	56.1	5751.6	500.0	-8.3	-31.7	220.3	20.5	13.2	15.6	323.0	324.0	0.5	13.1	18.0	34.
19.9	59.1	6157.2	475.0	-11.8	-26.8	224.1	19.9	13.9	14.3	323.4	324.4	0.9	27.3	19.9	34.
21.5	62.3	6548.2	450.0	-15.5	-31.8	223.3	20.0	13.7	14.6	323.9	325.9	0.6	20.5	21.9	35.
23.3	65.4	6998.6	425.0	-17.1	-42.6	218.0	20.0	12.8	16.4	327.0	327.8	0.2	8.8	24.0	36.
24.9	68.7	7469.9	400.0	-20.9	-44.8	215.0	21.2	12.1	17.3	327.9	328.6	0.2	10.4	25.9	36.
26.4	72.1	7922.7	375.0	-25.1	-45.5	208.1	22.4	10.6	19.7	328.4	329.0	0.2	12.8	27.9	36.
29.1	75.8	8420.2	350.0	-29.4	-47.2	210.8	22.1	11.3	19.0	329.1	329.7	0.1	15.7	30.2	35.
31.1	79.3	8945.2	325.0	-33.5	-50.8	218.9	25.4	16.0	19.8	330.6	331.0	0.1	15.5	33.1	35.
32.3	83.1	9502.1	300.0	-37.7	-53.9	227.0	23.5	17.1	16.0	332.2	332.6	0.1	10.2	36.2	36.
34.7	87.2	10095.9	275.0	-42.8	99.9	231.9	24.3	19.1	15.0	333.3	999.9	99.9	999.9	39.6	37.
36.8	91.4	10731.5	250.0	-48.1	99.9	233.8	24.1	19.3	14.5	334.2	999.9	99.9	999.9	42.3	39.
39.3	95.8	11414.6	225.0	-54.1	99.9	236.0	29.3	24.3	16.4	335.5	999.9	99.9	999.9	46.2	39.
42.3	100.5	12153.4	200.0	-59.8	99.9	231.2	29.7	23.2	18.7	339.3	999.9	99.9	999.9	51.2	41.
45.3	106.0	12905.0	175.0	-62.9	99.9	232.4	34.2	27.1	20.9	340.2	999.9	99.9	999.9	57.1	42.
49.7	111.0	13741.7	150.0	-60.2	99.9	234.0	29.2	23.6	17.2	346.4	999.9	99.9	999.9	63.2	43.
52.5	118.0	15035.9	125.0	-60.5	99.9	226.1	27.1	19.5	18.8	389.5	999.9	99.9	999.9	69.7	44.
56.7	125.0	16413.4	100.0	-63.8	99.9	228.1	24.0	15.5	18.4	486.9	999.9	99.9	999.9	76.1	46.
62.5	133.7	18231.7	75.0	-60.4	99.9	287.6	14.7	8.7	12.9	466.3	999.9	99.9	999.9	82.4	44.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEXAS

9 MAY 1979
1705 GMT

151 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.3	373.0	993.5	29.3	12.2	160.0	8.2	-2.8	7.7	310.3	338.4	10.0	37.0	0.0	0.
99.9	99.9	99.9	1300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	17.6	2276.9	900.0	27.5	11.6	183.8	9.0	0.6	8.9	309.9	337.0	9.6	37.2	0.2	356.
1.2	19.1	2151.3	875.0	26.7	11.5	195.3	8.9	2.3	8.6	309.5	337.0	9.8	43.5	0.7	8.
2.2	20.6	2029.9	850.0	27.2	11.3	182.1	8.8	0.3	8.8	309.4	337.5	10.0	50.1	1.2	7.
3.2	23.1	1864.3	825.0	19.7	13.4	175.1	9.5	-0.8	9.5	309.4	336.6	9.7	55.0	1.8	4.
4.3	25.6	1702.0	800.0	17.6	-7.0	186.3	9.0	1.3	8.9	310.0	321.4	3.9	24.8	2.3	2.
5.2	28.1	1542.5	775.0	17.0	-23.1	203.9	9.8	4.0	9.0	312.1	314.6	0.8	4.9	2.8	6.
6.2	31.7	1383.4	750.0	15.0	-24.0	199.5	10.6	3.6	10.0	312.9	315.3	0.7	5.1	3.4	8.
7.2	33.3	1265.7	725.0	13.2	-24.8	206.3	12.1	5.0	11.0	313.9	316.2	0.7	5.4	4.1	10.
8.1	36.0	1154.9	700.0	11.4	-25.6	217.1	13.7	8.2	10.9	315.2	317.4	0.7	5.6	4.8	13.
9.1	38.9	1051.2	675.0	9.7	-31.9	217.0	16.9	10.2	13.5	316.5	317.9	0.4	3.6	5.8	17.
10.2	41.6	947.1	650.0	5.5	-44.7	212.7	20.3	11.0	17.1	318.5	318.9	0.1	1.0	6.9	20.
11.3	44.4	843.1	625.0	5.7	-46.4	212.0	22.2	11.8	18.9	319.0	319.3	0.1	1.0	8.2	22.
12.6	47.1	738.4	600.0	2.4	-47.8	215.2	23.3	13.4	19.0	318.9	319.3	0.1	1.1	9.9	24.
14.0	50.2	633.2	575.0	-0.4	-50.2	217.9	23.4	14.4	18.5	319.6	319.8	0.1	1.0	11.9	27.
15.5	53.3	527.3	550.0	-2.0	-49.9	211.3	22.4	11.7	19.2	321.7	322.0	0.1	1.2	13.8	28.
16.7	56.3	422.1	525.0	4.8	-40.4	207.8	20.7	9.7	18.3	322.7	323.5	0.2	4.2	15.4	28.
18.3	59.5	317.2	500.0	-8.4	-37.4	207.7	20.5	9.5	18.2	322.8	323.9	0.3	7.5	17.1	28.
19.5	62.7	212.3	475.0	-11.9	-28.3	212.2	20.1	10.7	17.0	323.3	326.0	0.8	24.0	18.7	28.
21.0	66.0	107.5	450.0	-14.9	-31.2	214.8	21.1	12.1	17.4	324.5	326.7	0.6	23.4	20.5	29.
22.5	69.4	3.0	425.0	-17.3	-34.9	212.6	21.8	11.8	18.4	326.8	327.9	0.3	13.2	22.6	29.
23.9	73.0	-102.3	400.0	-20.9	-39.2	211.6	22.2	11.6	18.9	327.8	329.0	0.3	17.4	24.4	29.
25.6	76.7	-211.2	375.0	-24.7	-43.6	215.3	23.7	13.7	19.3	329.0	329.8	0.2	15.5	26.7	30.
27.1	80.5	-321.3	350.0	-29.0	-46.7	222.4	24.0	16.2	17.8	329.7	330.3	0.2	16.0	29.1	30.
28.0	84.5	-432.2	325.0	-33.1	-49.9	225.0	25.3	17.9	17.9	331.1	331.5	0.1	16.5	31.6	31.
30.8	88.6	-544.3	300.0	-35.1	-53.8	226.7	25.0	18.2	17.2	331.7	332.0	0.1	17.1	34.3	33.
32.9	93.0	-657.6	275.0	-43.3	99.9	228.4	25.6	19.1	17.0	332.5	999.9	99.9	999.9	37.2	34.
35.0	97.5	-771.6	250.0	-48.5	99.9	230.7	26.1	21.7	17.8	334.0	999.9	99.9	999.9	40.6	35.
37.6	102.4	-886.4	225.0	-54.2	99.9	237.5	26.5	24.0	15.3	335.5	999.9	99.9	999.9	44.6	37.
40.0	107.5	-1001.9	200.0	-59.8	99.9	245.6	26.7	26.2	11.9	336.9	999.9	99.9	999.9	48.5	39.
43.0	113.0	-1118.0	175.0	-62.3	99.9	240.9	35.1	30.7	17.1	347.1	999.9	99.9	999.9	53.7	42.
46.2	119.3	-1235.7	150.0	-59.1	99.9	227.4	31.6	23.2	21.4	348.2	999.9	99.9	999.9	59.9	43.
49.9	126.0	-1354.9	125.0	-61.9	99.9	224.6	29.1	20.4	20.7	382.9	999.9	99.9	999.9	66.9	43.
54.2	133.3	-1474.8	100.0	-61.7	99.9	224.8	20.7	14.8	14.7	408.8	999.9	99.9	999.9	73.8	43.
59.8	141.7	-1595.8	75.0	-61.3	99.9	215.3	15.2	8.8	12.4	444.5	999.9	99.9	999.9	79.1	44.
67.6	151.0	-1717.0	50.0	-56.7	99.9	133.9	8.7	-6.3	6.0	514.6	999.9	99.9	999.9	83.0	41.
79.6	160.5	-1838.7	25.0	-45.7	99.9	999.9	99.9	99.9	99.9	653.4	999.9	99.9	999.9	81.0	38.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

C-2

STATION NO. 265
MIDLAND, TEXAS

9 MAY 1979
2005 GMT

156 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.9	873.9	901.1	32.2	5.7	190.0	10.3	1.8	10.1	314.6	333.3	6.4	19.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	15.6	493.9	900.0	31.6	4.6	193.0	11.1	2.5	10.8	314.1	331.7	6.0	19.3	0.1	2.
0.7	19.9	1134.9	875.0	28.0	0.3	202.1	13.9	5.2	12.9	312.9	326.2	4.5	15.5	0.6	14.
1.4	23.5	1389.9	850.0	25.9	-0.4	197.0	13.0	3.8	12.4	313.3	326.4	4.4	17.7	1.2	17.
1.9	23.0	1651.2	825.0	23.7	-0.3	194.8	12.1	3.1	11.7	313.6	327.2	4.6	20.4	1.5	18.
2.5	25.6	1918.7	800.0	21.3	-1.5	195.5	12.1	3.3	11.7	313.8	326.4	4.2	21.2	2.0	18.
3.1	28.2	2191.7	775.0	18.5	-2.9	193.8	11.2	2.7	10.9	313.8	325.8	4.0	23.2	2.6	16.
4.2	30.9	2471.0	750.0	15.4	-2.2	190.5	10.4	1.9	10.3	313.3	326.3	4.4	29.8	3.1	15.
5.0	33.6	2757.1	725.0	12.9	-4.7	188.3	11.0	1.6	10.9	313.6	324.8	3.7	25.9	3.6	14.
6.0	36.2	3050.5	700.0	10.6	-4.6	193.1	11.4	2.6	11.1	314.2	326.0	3.9	34.1	4.2	13.
7.2	37.0	3352.1	675.0	8.4	-6.7	207.8	12.1	5.7	10.7	315.0	325.5	3.4	33.6	5.0	14.
8.3	41.9	3662.8	650.0	7.0	-13.0	220.6	16.4	10.7	12.5	316.8	323.7	2.2	22.7	6.0	18.
9.8	44.8	3983.9	625.0	5.0	-24.4	218.8	21.1	13.2	16.5	318.2	321.0	0.8	9.7	7.5	23.
11.4	47.9	4315.0	600.0	2.5	-36.0	215.3	22.5	13.0	18.3	319.0	320.0	0.3	3.8	9.6	26.
12.8	50.9	4657.2	575.0	-0.1	-36.9	218.6	22.3	13.9	17.4	319.9	320.9	0.3	4.2	11.5	28.
14.3	53.9	5011.3	550.0	-1.9	-37.7	220.1	22.2	14.3	17.0	321.8	322.7	0.3	4.4	13.5	30.
15.6	57.0	5379.2	525.0	-4.5	-31.2	216.8	22.3	13.3	17.8	323.0	324.9	0.5	10.3	15.2	31.
16.8	60.1	5760.6	500.0	-8.1	-28.0	213.6	22.1	12.2	18.5	323.2	325.8	0.8	18.3	16.8	31.
18.0	63.4	6156.6	475.0	-11.5	-28.5	211.2	23.2	12.0	19.8	323.7	326.3	0.8	22.9	18.3	31.
19.2	66.7	6568.3	450.0	-15.1	-31.6	214.2	24.0	13.5	19.8	324.3	326.4	0.6	22.8	20.1	31.
20.5	70.3	6997.4	425.0	-18.3	-33.9	219.0	23.3	14.7	18.1	325.5	327.3	0.5	23.9	22.0	32.
22.1	73.9	7446.9	400.0	-22.5	-35.6	218.7	22.0	13.8	17.2	325.8	327.4	0.5	28.8	24.1	32.
24.1	77.7	7917.9	375.0	-25.5	-42.3	221.5	21.9	14.5	16.4	327.9	328.8	0.2	19.0	26.6	33.
26.1	81.5	8414.7	350.0	-29.1	-47.0	224.4	24.9	17.4	17.8	329.6	330.2	0.2	15.7	29.3	34.
27.9	85.5	8939.9	325.0	-33.5	-51.8	224.5	27.3	19.1	19.4	330.5	330.9	0.1	13.8	32.2	35.
29.6	89.7	9495.5	300.0	-38.4	-54.3	225.2	26.4	18.7	18.8	331.2	331.8	0.1	16.7	34.9	36.
31.5	94.2	10087.8	275.0	-43.1	99.9	229.1	28.9	21.9	19.0	332.8	999.9	99.9	999.9	37.8	37.
33.6	98.9	10722.1	250.0	-48.3	99.9	235.9	28.4	23.5	15.9	334.3	999.9	99.9	999.9	41.5	38.
36.0	103.6	11407.6	225.0	-53.7	99.9	243.8	29.1	26.1	12.9	336.2	999.9	99.9	999.9	45.6	40.
38.5	109.0	12152.8	200.0	-60.0	99.9	244.9	29.5	26.7	12.5	337.7	999.9	99.9	999.9	49.2	42.
41.3	114.8	12980.5	175.0	-61.4	99.9	242.8	32.8	29.2	15.0	340.6	999.9	99.9	999.9	54.4	44.
44.8	121.0	13950.7	150.0	-59.5	99.9	229.4	33.5	25.4	21.8	367.5	999.9	99.9	999.9	60.6	46.
48.2	127.7	15081.6	125.0	-63.1	99.9	234.2	29.3	23.8	17.2	380.8	999.9	99.9	999.9	67.6	46.
52.8	135.3	16455.2	100.0	-61.2	99.9	224.2	22.3	15.5	16.0	409.5	999.9	99.9	999.9	75.5	47.
58.4	144.3	18231.2	75.0	-62.9	99.9	200.6	13.4	4.7	12.6	441.0	999.9	99.9	999.9	80.5	46.
66.2	154.0	20773.1	50.0	-55.2	99.9	142.7	10.5	-6.3	8.3	513.5	999.9	99.9	999.9	83.3	44.
78.9	165.0	25276.8	25.0	-47.9	99.9	999.9	99.9	99.9	99.9	647.8	999.9	99.9	999.9	80.3	41.

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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEXAS

9 MAY 1979
2300 GMT

163 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
3.3	15.5	873.3	938.7	33.3	1.2	180.0	15.4	0.0	15.4	316.0	329.9	4.6	13.0	0.0	0.
99.9	99.9	99.9	1030.3	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
3.7	17.5	1112.7	875.0	31.1	-2.5	176.5	12.1	-1.2	12.0	316.1	327.2	3.7	11.3	3.6	355.
1.6	19.8	1373.5	850.0	29.7	-4.9	176.9	14.7	-0.9	14.7	316.2	326.5	3.4	11.5	1.2	356.
2.1	22.1	1634.7	825.0	25.8	-5.3	177.5	16.3	-0.7	16.3	316.9	326.6	3.1	11.7	1.8	356.
2.4	24.5	1893.3	800.0	24.3	-7.1	177.3	17.0	-0.8	17.0	316.8	325.5	2.8	12.0	2.5	357.
2.6	26.9	2149.6	775.0	21.4	-6.9	178.1	16.8	-0.5	16.8	316.8	325.9	2.9	14.2	3.1	357.
4.2	29.3	2401.1	750.0	18.5	-8.4	184.5	16.4	1.3	16.3	316.7	325.1	2.7	15.2	4.3	358.
5.3	31.7	2650.9	725.0	15.7	-8.5	190.2	15.7	2.8	15.5	316.7	325.4	2.8	16.0	4.7	359.
5.9	34.2	2900.7	700.0	12.9	-9.1	199.0	15.5	5.0	14.6	316.7	325.2	2.7	23.7	5.5	1.
6.8	36.7	3149.2	675.0	10.0	-12.2	210.7	16.7	8.5	14.4	316.8	323.8	2.2	19.5	6.3	5.
7.7	39.2	3395.1	650.0	7.3	-13.2	217.9	16.4	10.1	13.0	317.3	324.0	2.1	21.6	7.1	8.
9.8	41.9	3651.9	625.0	4.2	-12.9	219.7	16.8	10.7	12.9	317.2	324.4	2.3	27.5	8.0	12.
9.9	44.6	4311.9	600.0	0.9	-12.5	220.4	17.9	11.6	13.7	317.2	324.9	2.4	35.9	9.1	16.
11.2	47.2	4652.0	575.0	-2.4	-12.7	223.4	19.3	13.2	14.0	317.2	325.0	2.5	45.1	10.4	19.
12.6	50.3	5003.5	550.0	-4.2	-17.4	223.1	22.8	15.6	16.6	319.1	324.7	1.8	34.8	12.0	23.
14.0	52.9	5364.0	525.0	-6.6	-25.9	224.3	25.0	17.5	17.9	320.5	323.4	0.9	19.9	14.0	26.
15.4	55.9	5741.1	500.0	-9.3	-27.3	228.9	26.6	20.1	17.5	321.7	324.6	0.8	22.1	15.9	28.
16.7	58.9	6142.9	475.0	-11.7	-26.2	230.5	28.0	21.7	17.7	323.5	326.6	0.9	29.7	17.9	31.
17.9	61.9	6554.7	450.0	-14.1	-31.4	228.0	26.9	20.0	18.0	325.6	327.7	0.6	21.6	20.0	33.
19.6	65.0	6996.6	425.0	-16.6	-36.9	229.6	25.5	19.5	16.5	327.7	329.1	0.4	15.1	22.4	35.
21.2	68.3	7459.9	400.0	-19.9	-42.3	231.3	25.5	19.9	15.9	329.1	330.0	0.2	11.5	24.9	36.
22.4	71.8	7951.3	375.0	-23.5	-44.9	229.5	26.0	19.8	16.9	330.5	331.2	0.2	11.9	27.3	38.
24.6	75.1	8415.3	350.0	-27.9	-47.9	226.4	26.6	19.3	18.4	331.1	331.7	0.1	12.8	29.9	39.
26.1	78.9	9002.7	325.0	-32.6	-49.1	222.4	24.5	16.5	18.1	331.8	332.3	0.1	17.3	32.4	39.
27.9	82.6	9521.2	300.0	-37.4	-52.5	223.9	24.2	16.8	17.5	332.7	333.1	0.1	18.7	34.8	39.
29.7	86.5	10096.5	275.0	-41.8	99.9	227.3	24.3	20.8	19.2	334.6	999.9	99.9	999.9	37.6	40.
31.5	90.9	10736.2	250.0	-47.9	99.9	233.2	28.3	22.7	16.9	336.9	999.9	99.9	999.9	40.6	40.
33.4	95.2	11422.6	225.0	-53.6	99.9	238.9	29.7	25.5	15.3	338.7	999.9	99.9	999.9	43.9	42.
35.5	99.9	12167.7	200.0	-59.5	99.9	245.7	33.6	30.6	13.8	338.6	999.9	99.9	999.9	47.6	43.
39.6	105.0	12993.6	175.0	-65.0	99.9	249.6	38.2	35.8	13.3	342.6	999.9	99.9	999.9	53.5	46.
42.0	112.8	13952.1	150.0	-57.5	99.9	239.5	36.8	31.7	18.7	371.0	999.9	99.9	999.9	61.1	49.
45.7	117.3	15037.0	125.0	-61.3	99.9	223.0	27.8	18.9	20.3	384.8	999.9	99.9	999.9	64.0	49.
49.9	124.0	16469.3	100.0	-63.0	99.9	223.3	23.3	16.8	17.0	405.9	999.9	99.9	999.9	74.9	49.
55.3	132.3	18256.5	75.0	-64.4	99.9	206.2	13.5	6.0	12.1	437.9	999.9	99.9	999.9	88.2	48.
62.7	142.3	20793.6	50.0	-57.3	99.9	121.8	6.6	-5.6	3.5	508.7	999.9	99.9	999.9	82.5	47.
74.6	154.0	25285.1	25.0	-46.1	99.9	89.8	7.6	-7.6	-0.1	652.8	999.9	99.9	999.9	78.8	44.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEXAS

10 MAY 1979
205 GMT

154 10. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PUT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.5	973.0	900.1	28.9	13.9	160.0	10.3	-3.5	9.7	311.3	342.8	11.2	40.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	15.5	876.0	900.0	28.9	13.9	160.1	10.4	-3.5	9.8	311.3	342.8	11.2	40.0	0.0	360.
1.0	14.0	1174.9	875.0	27.5	14.1	167.3	17.4	-3.8	17.0	312.4	345.4	11.7	43.8	0.9	346.
2.0	20.4	1390.2	850.0	24.9	13.9	170.9	18.1	-2.9	17.9	312.2	345.4	11.8	50.3	2.0	348.
3.0	22.2	1601.4	825.0	23.0	9.6	179.6	17.9	-0.1	17.9	312.9	339.1	9.1	42.4	3.1	358.
4.0	21.6	1807.3	800.0	21.6	6.6	189.2	16.8	3.0	16.6	314.2	336.5	7.7	37.7	4.1	353.
5.0	27.9	2013.5	775.0	19.3	4.5	199.7	17.8	6.0	16.8	314.6	334.6	6.9	37.6	5.2	358.
6.0	33.5	2454.5	750.0	18.9	2.7	212.0	14.6	7.8	12.4	314.9	333.2	6.2	38.6	6.1	2.
8.0	33.1	2752.2	725.0	14.6	-3.1	221.9	13.4	8.9	9.9	315.5	328.2	4.2	29.4	6.8	6.
8.0	3 .9	3307.5	700.0	12.3	-8.8	221.9	16.2	10.8	12.1	316.1	324.8	2.8	22.0	7.5	10.
9.1	3 .6	3553.5	675.0	9.6	-13.6	224.8	17.6	12.4	12.5	316.6	322.7	2.0	17.9	8.5	15.
10.4	4..2	3972.1	650.0	6.9	-16.6	225.1	18.5	13.1	13.0	316.7	321.9	1.6	16.8	9.7	19.
11.9	44.3	3 2.4	625.0	3.8	-17.3	223.8	17.6	12.2	12.7	316.8	321.9	1.6	19.5	11.1	22.
13.3	47.3	4311.4	600.0	0.5	-17.6	222.7	16.5	12.5	13.6	316.7	321.8	1.6	23.8	12.5	25.
14.7	47.4	4651.7	575.0	-2.5	-19.2	221.3	20.7	13.6	15.5	317.1	322.2	1.6	28.7	14.1	27.
16.3	52.3	5 2.5	550.0	-5.7	-17.5	222.7	19.0	12.9	14.0	317.3	322.9	1.8	36.7	15.7	28.
17.9	5 .0	5356.9	525.0	-9.1	-19.2	224.7	18.7	13.2	13.3	317.5	323.0	1.7	47.5	17.6	30.
19.6	59.1	5782.3	500.0	-9.9	-21.9	228.1	20.9	15.6	14.0	322.2	323.0	0.2	6.9	19.9	32.
21.9	62.6	6137.9	475.0	-12.2	-47.7	229.1	21.1	15.7	14.1	322.9	323.3	0.1	3.4	22.4	34.
24.9	65.7	6567.5	450.0	-16.9	-38.1	230.4	22.7	17.6	14.4	323.1	324.8	0.5	19.2	24.8	35.
27.7	69.1	6975.1	425.0	-17.6	-33.6	233.3	25.5	20.4	15.2	323.8	325.7	0.5	27.5	27.6	37.
27.6	72.7	7422.4	400.0	-22..	-37.4	241.8	28.5	25.1	13.4	325.5	326.8	0.4	24.7	30.2	39.
29.6	77.3	7933.0	375.0	-24.9	-44.4	247.3	29.3	27.1	11.3	328.7	329.4	0.2	14.2	33.5	42.
1 .5	8 .1	8 4.6	350.0	-29.1	-44.6	241.2	29.9	26.2	14.4	330.8	331.3	0.1	13.6	36.2	45.
3 .3	84.1	8 1. 5	325.0	-32.3	-52.6	233.0	26.6	21.3	16.0	332.1	332.5	0.1	11.1	42.8	46.
34.1	8 .2	8 .5	300.0	-37.2	-56.1	227.1	26.8*	19.6	18.2	332.9	333.2	0.1	11.8	47.4	46.
41.2	9 .5	10.7 .3	275.0	-41.9	99.9	217.4	27.5*	16.7	21.9	334.5	999.9	99.9	999.9	52.5	46.
44.7	97.2	10711.9	250.0	-47.7	99.9	215.0	26.4*	15.5	21.4	335.2	999.9	99.9	999.9	57.9	45.
47.7	100.0	11347.3	225.0	-53.9	99.9	222.2	27.9*	18.8	20.7	335.9	999.9	99.9	999.9	62.9	45.
50.7	107.3	12184.1	200.0	-58.7	99.9	228.4	31.4*	23.5	20.8	338.2	999.9	99.9	999.9	68.1	45.
53.9	113.3	12 .3	175.0	-65.6	99.9	237.4	32.9*	27.7	17.7	340.3	999.9	99.9	999.9	74.3	45.
55.2	119.3	13227.3	150.0	-56.8	99.9	237.9	32.2*	27.3	17.1	372.2	999.9	99.9	999.9	81.3	47.
63.1	125.9	15362.7	125.0	-63.9	99.9	222.6	25.0*	16.9	18.4	384.7	999.9	99.9	999.9	91.4	47.
68.6	133.7	16627.5	100.0	-66.8	99.9	224.0	21.2*	14.7	15.2	398.7	999.9	99.9	999.9	98.7	47.
75.0	142.3	18134.6	75.0	-63.6	99.9	191.3	11.7*	2.3	11.4	439.6	999.9	99.9	999.9	106.8	46.
84.2	152.0	20721.6	50.0	-57.6	99.9	124.8	8.9**	-7.3	5.1	507.7	999.9	99.9	999.9	107.8	45.
103.2	162.3	25215.8	25.0	-46.6	99.9	999.9	99.9	99.9	99.9	651.2	999.9	99.9	999.9	101.7	42.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEXAS

10 MAY 1979
505 GMT

35 554. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	100.0	873.0	934.2	22.2	12.2	350.0	2.6	0.5	-2.6	304.0	331.2	9.9	53.0	0.0	0.
99.9	99.9	999.9	13333.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	999.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	999.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	999.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
1.1	15.6	915.9	900.0	21.9	13.7	323.1	4.6	2.8	-3.7	304.0	334.3	11.1	60.3	0.1	286.
1.3	17.9	1155.7	875.0	21.4	15.7	268.7	7.7	7.7	0.2	306.1	341.5	13.0	69.9	0.3	129.
1.7	21.3	1439.9	850.0	19.5	15.3	247.6	6.5	6.0	2.5	306.6	342.1	13.0	76.6	0.6	107
2.4	27.4	1717.1	825.0	17.5	15.9	223.8	8.8	6.1	6.4	307.1	345.3	14.0	90.5	0.8	87.
3.0	34.3	1993.0	800.0	15.2	14.7	210.6	13.8	7.0	11.8	307.4	344.0	13.3	96.6	1.0	71.
3.5	39.9	2267.6	775.0	14.5	14.2	201.9	17.3	8.5	16.1	309.4	346.2	13.3	98.8	1.4	57.
3.9	45.5	2541.1	750.0	13.1	12.7	999.9	99.9	99.9	99.9	310.8	345.6	12.5	97.8	1.8	48.
4.3	49.1	2814.0	725.0	11.9	11.5	999.9	99.9	99.9	99.9	312.5	345.0	11.9	97.6	999.9	999.
4.6	53.9	3086.6	700.0	10.8	10.4	999.9	99.9	99.9	99.9	314.5	347.1	11.5	97.4	999.9	999.
4.9	58.5	3358.9	675.0	9.5	9.3	999.9	99.9	99.9	99.9	316.3	347.4	10.8	97.2	999.9	999.
5.2	63.3	3630.9	650.0	8.4	8.3	999.9	99.9	99.9	99.9	318.5	348.6	10.4	97.1	999.9	999.
5.5	68.1	3902.6	625.0	8.5	8.1	999.9	99.9	99.9	99.9	319.9	347.9	9.5	96.8	999.9	999.
5.7	87.1	4335.3	600.0	4.9	4.3	999.9	99.9	99.9	99.9	321.7	347.8	8.8	96.5	999.9	999.
99.9	99.9	999.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	999.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	999.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	999.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	999.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	999.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	999.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	999.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	999.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	999.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	999.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	999.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	999.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	999.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	999.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	999.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 305
HIGHLAND, TEXAS

10 MAY 1979
007 GMT

883 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.6	873.0	907.0	16.1	7.3	355.0	5.1	0.4	-5.1	297.4	316.7	7.1	56.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.3	15.4	944.7	900.0	16.8	-8.1	355.1	16.2	1.4	-16.2	298.9	310.7	6.2	31.6	0.3	176.
1.1	17.7	1184.4	875.0	16.6	-5.4	352.2	17.7	2.4	-17.5	301.8	309.5	2.9	21.8	0.9	174.
2.0	20.2	1430.5	850.0	16.1	-3.2	339.8	16.4	5.0	-13.5	303.1	313.4	3.6	26.3	1.8	172.
2.8	22.6	1683.9	825.0	15.5	-8.7	327.8	10.2	5.5	-8.7	304.9	317.6	4.4	33.8	2.6	166.
3.6	25.1	1944.1	800.0	14.0	1.2	331.8	6.8	2.8	-5.3	306.1	321.1	5.2	61.8	2.8	164.
4.6	27.6	2211.1	775.0	12.2	0.5	308.7	4.4	3.4	-2.7	307.3	321.7	5.1	66.3	3.3	162.
5.5	30.1	2485.4	750.0	10.8	4.0	248.9	5.3	4.9	1.9	308.4	327.8	6.8	82.7	3.1	159.
6.5	32.7	2766.0	725.0	9.1	7.3	213.6	10.1	5.6	8.4	329.5	336.7	8.9	88.6	3.8	152.
7.6	35.4	3054.4	700.0	6.6	5.9	200.1	14.7	6.5	13.2	309.8	333.5	8.4	95.4	2.6	139.
8.6	38.1	3350.1	675.0	4.2	-10.4	211.0	15.3	7.9	13.1	310.4	316.2	1.9	29.3	2.4	118.
9.6	41.0	3655.0	650.0	5.7	-44.4	222.0	16.8	11.3	12.5	315.4	315.7	0.1	1.8	2.7	99.
10.5	43.5	3984.2	625.0	3.5	-47.8	220.9	19.3	12.6	14.6	316.4	316.7	0.1	1.8	3.6	83.
11.7	46.4	4313.3	600.0	0.8	-49.5	215.0	21.9	12.5	17.9	317.3	317.3	0.1	1.8	4.7	71.
12.8	49.4	4653.1	575.0	-2.8	-51.2	215.8	25.5	14.6	20.9	317.7	317.9	0.1	1.8	6.1	61.
14.1	52.3	5004.6	550.0	-6.5	-52.9	216.9	28.2	16.9	22.5	318.7	318.9	0.0	1.8	7.9	55.
15.3	55.4	5366.7	525.0	-7.4	-54.6	218.9	28.9	18.2	22.5	319.6	319.7	0.0	1.8	10.0	51.
16.6	58.5	5747.1	500.0	-9.1	-55.7	219.7	27.1	17.3	20.8	321.9	322.1	0.0	1.8	12.2	49.
18.1	61.7	6141.8	475.0	-12.1	-57.6	223.0	26.7	16.8	18.8	323.0	323.1	0.0	1.8	14.4	48.
19.5	65.2	6552.5	450.0	-15.4	-59.7	225.0	24.9	17.6	17.0	323.9	324.0	0.0	1.8	16.5	48.
20.9	68.6	6982.8	425.0	-17.2	-60.9	224.1	26.2	18.2	18.8	326.9	327.0	0.0	1.8	19.6	47.
22.4	71.9	7434.1	400.0	-20.7	-63.1	224.7	25.5	17.9	18.1	328.1	328.2	0.0	1.8	21.8	47.
23.9	75.4	7907.7	375.0	-24.8	-65.9	222.2	26.8	18.8	20.8	328.8	328.8	0.0	1.8	23.2	47.
25.6	79.3	8406.3	350.0	-28.3	-68.1	223.7	32.2	22.3	23.3	330.6	330.8	0.0	1.8	26.1	46.
27.4	83.2	8932.9	325.0	-32.9	-71.1	226.8	28.9	20.8	20.1	331.3	331.3	0.0	1.8	29.5	46.
29.5	87.3	9491.3	300.0	-37.4	-74.0	228.6	29.9	22.5	19.8	332.7	332.7	0.0	1.8	33.4	46.
31.6	91.6	10085.5	275.0	-42.7	99.9	227.8	29.5	21.9	19.8	333.4	999.9	99.9	999.9	36.8	46.
33.5	96.2	10722.2	250.0	-47.4	99.9	224.9	31.9	22.5	22.6	335.5	999.9	99.9	999.9	40.5	46.
35.9	101.9	11409.4	225.0	-53.2	99.9	218.0	30.7	18.9	24.2	337.8	999.9	99.9	999.9	45.9	46.
38.6	106.2	12156.5	200.0	-59.8	99.9	215.9	34.1	20.8	27.6	338.1	999.9	99.9	999.9	50.1	45.
41.3	111.9	12979.6	175.0	-65.7	99.9	222.8	34.1	23.2	29.8	341.5	999.9	99.9	999.9	55.7	44.
45.1	119.8	13927.8	150.0	-61.3	99.9	237.1	37.8	31.8	28.5	344.5	999.9	99.9	999.9	63.3	45.
49.1	128.8	15059.3	125.0	-62.6	99.9	232.4	31.7	25.1	19.3	381.7	999.9	99.9	999.9	71.9	47.
54.2	137.7	16426.9	100.0	-64.9	99.9	208.2	21.2	10.8	18.7	432.3	999.9	99.9	999.9	79.5	46.
62.2	141.3	18199.5	75.0	-62.7	99.9	210.2	13.6	8.0	11.0	441.5	999.9	99.9	999.9	86.9	45.
68.9	151.0	20726.9	50.0	-55.5	99.9	128.1	9.8	-4.6	3.6	512.7	999.9	99.9	999.9	89.2	44.
83.6	184.7	25287.8	25.0	-48.1	99.9	99.2	7.7	-0.6	-3.9	646.7	999.9	99.9	999.9	83.8	41.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 265
MIDLAND, TEXAS

10 MAY 1979
1109 GMT

153 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
.0	14.5	973.3	909.2	13.9	7.7	330.0	3.1	1.6	-2.7	295.0	314.5	7.3	66.0	0.0	0.
.7	99.9	977.8	1000.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
.4	99.9	99.9	975.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
.0	99.9	99.9	950.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
.8	99.9	99.9	925.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
5.2	15.4	954.2	900.0	15.3	3.8	21.9	12.4	-4.6	-11.5	296.9	312.6	5.7	48.9	0.2	149.
6.1	17.8	1154.3	875.0	15.5	-3.2	9.2	11.8	-1.9	-11.6	299.9	309.8	3.4	27.3	0.6	182.
7.3	23.3	1442.5	850.0	13.5	-4.9	350.5	10.0	1.7	-9.9	300.3	309.3	3.1	27.4	1.2	181.
8.4	22.8	1693.7	825.0	12.7	-2.2	323.6	7.4	4.4	-6.0	302.0	313.4	4.0	35.5	1.6	176.
9.4	25.4	1951.3	800.0	11.4	-1.2	293.9	5.8	5.4	-2.1	303.3	315.8	4.4	41.4	1.9	167.
0.3	24.3	2210.7	775.0	9.7	-1.3	268.0	7.4	7.4	0.3	304.2	317.2	4.5	46.3	2.0	158.
1.4	23.6	2467.6	750.0	8.8	-2.1	252.4	9.3	8.8	2.8	306.1	319.8	4.4	45.2	2.2	145.
2.7	23.2	2725.3	725.0	7.8	-3.1	243.4	8.8	4.8	7.6	308.0	324.3	7.1	77.5	2.3	133.
3.6	25.8	3257.3	700.0	5.5	-5.1	206.9	11.6	5.2	10.3	308.6	330.9	7.9	97.8	2.1	120.
4.5	24.5	3255.4	675.0	5.6	-7.9	213.7	14.8	8.2	12.3	312.0	321.5	3.1	37.1	2.3	100.
5.1	41.3	3652.5	650.0	3.3	-12.8	213.4	17.7	9.7	14.8	312.8	319.6	2.2	29.4	2.8	82.
5.7	44.2	3980.3	625.0	2.1	-18.3	219.4	21.3	10.8	18.4	314.8	319.3	1.4	19.3	3.8	66.
6.3	47.1	4334.3	600.0	-3.2	-29.1	213.7	23.4	13.0	19.4	315.8	317.5	0.6	9.1	5.1	57.
6.9	50.1	4687.3	575.0	-2.4	-31.6	216.4	26.6	15.7	21.4	317.2	319.8	0.5	8.4	6.7	51.
7.1	53.1	4947.8	550.3	-5.3	-33.5	215.0	28.5	16.4	23.4	317.8	319.2	0.4	4.7	8.7	48.
7.2	56.1	5305.8	525.3	-9.2	-35.2	216.4	30.1	17.8	24.2	318.5	319.8	0.4	9.2	10.6	46.
7.4	59.4	5737.9	500.0	-13.5	-30.8	220.8	29.0	19.0	22.0	320.2	322.2	0.6	17.0	12.8	44.
7.8	62.6	6111.1	475.3	-13.3	-36.6	222.0	27.4	18.3	20.3	321.9	323.1	0.3	11.7	15.0	44.
8.1	65.9	6503.8	450.0	-15.0	-50.4	218.6	27.9	17.4	21.8	324.4	324.*	0.1	3.3	17.3	44.
8.5	69.3	6871.1	425.3	-17.6	-51.4	217.4	23.6	14.4	18.8	326.5	326.9	0.1	3.4	19.4	43.
8.9	72.3	7221.4	400.0	-21.6	-49.9	219.0	27.3	17.2	21.2	326.9	327.3	0.1	6.3	21.4	42.
9.3	76.4	7591.5	375.0	-25.4	-48.7	220.9	30.2	19.8	22.8	328.0	328.4	0.1	9.2	24.0	42.
9.7	80.2	8349.3	350.0	-29.4	-51.1	223.5	27.5	18.9	19.9	329.2	329.6	0.1	10.0	26.6	42.
0.5	84.2	8813.8	325.3	-34.0	-54.4	223.7	30.4	21.0	22.0	329.8	330.1	0.1	10.8	29.6	42.
1.3	88.2	9454.8	300.0	-34.5	-57.6	224.3	31.7	22.1	22.7	331.1	331.3	0.0	11.2	32.7	42.
1.2	92.5	10363.6	275.0	-43.3	99.9	226.9	27.3	19.9	18.6	332.5	999.9	99.9	999.9	36.2	43.
1.3	97.0	10939.6	250.0	-47.9	99.9	227.2	28.8	21.1	19.6	334.8	999.9	99.9	999.9	39.5	43.
1.5	101.9	11581.9	225.0	-53.2	99.9	222.0	33.0	22.1	24.5	337.0	999.9	99.9	999.9	43.8	43.
1.3	107.0	12124.1	200.0	-59.9	99.9	221.3	35.0	23.1	26.3	337.9	999.9	99.9	999.9	48.9	43.
1.4	112.6	12458.8	175.0	-62.2	99.9	220.6	38.5	28.9	25.5	347.4	999.9	99.9	999.9	54.9	43.
41.1	118.9	13114.7	150.0	-63.6	99.9	237.3	37.1	31.3	20.0	365.7	999.9	99.9	999.9	62.8	44.
46.7	125.3	15039.6	125.0	-64.3	99.9	228.9	30.7	23.1	20.1	378.6	999.9	99.9	999.9	69.4	46.
51.1	133.0	16031.6	100.0	-64.4	99.9	220.5	25.2	16.4	19.2	403.4	999.9	99.9	999.9	76.4	45.
56.9	141.3	18172.7	75.0	-65.3	99.9	197.7	15.1	6.6	16.4	435.9	999.9	99.9	999.9	84.3	45.
65.6	151.0	20710.5	50.0	-57.3	99.9	122.1	6.9	-5.9	3.7	508.4	999.9	99.9	999.9	85.6	44.
78.4	161.0	25180.6	25.0	-67.9	99.9	999.9	99.1	99.9	99.9	646.9	999.9	99.9	999.9	82.2	41.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEXAS

9 MAY 1979
1100 GMT

168 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	21.2	1193.9	870.0	12.6	0.7	40.0	1.5	-1.0	-1.1	297.4	310.2	4.6	44.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	23.2	1394.7	850.0	15.5	-1.9	999.9	99.9	99.9	99.9	302.4	313.7	3.9	30.0	999.9	999.
1.9	25.8	1441.8	825.0	13.4	-1.2	999.9	99.9	99.9	99.9	302.7	314.9	4.3	36.5	999.9	999.
3.0	28.4	1488.8	800.0	12.4	-1.2	999.9	99.9	99.9	99.9	304.4	317.0	4.4	39.0	999.9	999.
4.0	31.0	2165.9	775.0	11.9	-1.5	999.9	99.9	99.9	99.9	305.6	318.4	4.4	41.0	999.9	999.
5.1	33.7	2434.1	750.0	8.4	-2.1	999.9	99.9	99.9	99.9	305.7	318.3	4.4	47.5	999.9	999.
6.1	36.3	2717.2	725.0	6.2	-2.8	999.9	99.9	99.9	99.9	306.2	318.7	4.3	52.0	999.9	999.
7.3	39.1	3003.5	700.0	3.5	-4.4	999.9	99.9	99.9	99.9	306.4	317.9	3.9	56.1	999.9	999.
8.6	41.9	3237.4	675.0	0.8	-5.3	999.9	99.9	99.9	99.9	306.5	317.7	3.8	63.0	0.0	36.
10.2	44.9	3529.7	650.0	0.4	-8.9	232.5	24.8	19.7	15.1	309.5	319.5	3.0	49.5	0.0	38.
11.5	47.7	3814.5	625.0	-1.3	-10.5	237.9	31.3	26.5	16.6	310.9	319.3	2.7	42.4	10.3	42.
12.9	50.6	4260.4	600.0	-0.9	-14.1	236.5	35.1	29.3	19.4	315.1	321.8	2.1	35.8	12.8	45.
14.3	53.6	4579.4	575.0	-2.4	-19.8	2.4.9	37.0	30.2	21.2	317.2	321.8	1.4	25.1	15.3	47.
15.2	56.5	4931.3	550.0	-4.1	-23.0	235.0	35.9	29.4	20.6	319.2	322.8	1.1	21.4	17.9	48.
16.5	59.9	5296.1	525.0	-6.8	-25.4	233.2	35.1	28.1	21.0	320.2	323.3	0.9	21.0	20.5	49.
17.9	63.0	5675.3	500.0	-8.5	-28.0	229.2	36.9	27.9	24.1	322.7	325.3	0.8	19.9	23.5	49.
19.5	66.3	6072.2	475.0	-10.4	-32.6	226.9	35.40	25.8	24.1	325.1	326.9	0.5	14.1	27.1	49.
21.1	69.8	6486.0	450.0	-13.7	-35.1	227.2	37.10	27.2	25.2	326.0	327.6	0.4	14.4	30.5	49.
22.7	73.1	6917.3	425.0	-17.2	-37.7	226.0	36.30	24.7	23.8	326.9	329.1	0.3	14.8	33.8	49.
24.2	76.7	7368.0	400.0	-21.4	-40.3	225.6	33.40	23.9	23.4	327.2	328.2	0.3	15.1	36.9	48.
25.8	80.5	7841.9	375.0	-25.7	-44.2	224.2	34.20	23.8	24.5	327.8	328.4	0.2	15.5	40.2	48.
27.7	84.3	8335.3	350.0	-30.5	-47.3	222.1	36.40	24.4	27.0	327.8	328.2	0.1	17.4	43.9	48.
29.5	88.3	8856.9	325.3	-35.1	-50.8	222.3	37.10	25.0	27.5	328.6	328.8	0.1	18.1	48.1	47.
31.2	92.5	9409.2	300.0	-40.1	99.9	228.4	34.80	26.1	23.1	328.8	999.9	99.9	999.9	51.6	47.
32.9	96.9	9996.6	275.0	-45.0	99.9	233.1	36.60	29.1	21.9	330.1	999.9	99.9	999.9	55.2	47.
34.7	101.6	10626.5	250.0	-50.6	99.9	232.1	39.60	31.1	26.2	331.1	999.9	99.9	999.9	59.4	48.
36.4	106.6	11304.9	225.0	-56.2	99.9	235.8	38.10	31.5	21.4	332.4	999.9	99.9	999.9	64.4	48.
38.1	111.8	12043.4	200.0	-61.7	99.9	240.9	40.50	35.4	19.7	335.0	999.9	99.9	999.9	69.5	49.
41.5	117.4	12855.5	175.0	-66.2	99.9	240.7	47.90	41.7	23.4	337.5	999.9	99.9	999.9	75.7	50.
44.9	123.5	13812.2	150.0	-57.2	99.9	244.5	35.80	32.3	15.4	371.6	999.9	99.9	999.9	84.5	51.
47.9	130.3	14966.1	125.0	-59.7	99.9	210.4	28.80	14.5	24.8	386.9	999.9	99.9	999.9	89.7	51.
51.4	137.7	16338.8	100.0	-63.7	99.9	224.0	23.20	16.1	16.7	404.6	999.9	99.9	999.9	94.9	50.
54.6	146.0	18117.3	75.0	-61.5	.9	225.1	13.30	9.4	9.4	444.0	999.9	99.9	999.9	101.2	50.
64.6	155.8	20644.7	50.0	-56.2		159.4	6.70	-2.4	6.3	511.1	999.9	99.9	999.9	103.6	50.
77.6	164.3	25152.5	25.0	-67.7	99.	76.2	10.4	-10.1	-2.5	648.0	999.9	99.9	999.9	101.1	47.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INT ATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEXAS

9 MAY 1979
1405 GMT

149 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	19.5	1193.3	870.2	15.2	4.3	270.0	1.0	1.0	0.0	300.1	316.3	5.9	47.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	21.5	1341.2	850.0	13.7	3.5	291.3	3.2	3.1	-0.6	300.5	313.7	4.7	40.3	0.1	168.
1.0	23.9	1642.3	825.0	12.7	-3.8	187.3	6.1	0.8	6.0	302.0	314.4	4.4	39.2	0.2	315.
2.0	25.5	1933.1	800.0	11.3	-1.7	210.4	9.5	4.8	8.2	303.2	315.3	4.2	40.4	0.6	15.
3.0	26.0	2168.5	775.0	11.0	-5.7	211.9	16.1	8.5	13.6	304.6	314.0	3.2	32.7	1.3	24.
4.1	31.7	2437.1	750.0	8.4	-9.3	209.1	21.4	10.4	18.7	305.7	314.0	2.8	30.2	2.7	28.
5.1	34.3	2715.3	725.0	5.9	-9.4	207.2	23.0	10.5	20.4	305.9	314.2	2.8	34.8	4.3	28.
6.5	37.0	3000.9	700.0	3.4	-9.5	208.6	20.8	10.3	18.1	306.2	314.1	2.6	37.9	5.9	28.
7.7	38.8	3269.4	675.0	2.6	-11.4	210.5	21.1	12.6	16.9	306.4	314.0	2.6	43.2	7.3	29.
8.9	42.6	3534.7	650.0	-0.6	-13.2	224.1	23.5	16.3	16.9	308.3	316.5	2.7	47.8	9.0	31.
10.1	45.4	3803.1	625.0	-2.8	-12.4	231.9	27.7	21.8	17.1	309.3	316.2	2.3	45.7	10.7	34.
11.4	47.5	4071.4	600.0	-3.6	-15.2	232.3	30.2	29.4	17.5	312.0	317.6	1.8	36.8	12.9	38.
12.7	51.3	4340.3	575.0	-3.8	-19.3	239.1	33.6	33.2	19.9	315.5	320.1	1.4	28.8	16.1	42.
14.8	54.3	4619.4	550.0	-4.4	-22.2	235.9	39.70	32.9	22.2	318.9	322.7	1.2	23.4	19.5	45.
16.9	57.6	4904.4	525.0	-6.5	-23.9	234.2	38.40	31.1	22.5	320.6	324.1	1.0	23.5	22.8	46.
17.3	60.5	5004.6	500.0	-7.8	-29.7	234.3	37.90	30.6	22.3	323.6	326.3	0.7	18.8	26.0	47.
19.7	63.7	6361.6	475.0	-10.4	-34.1	232.6	37.60	29.8	22.9	325.1	326.6	0.4	12.2	29.2	48.
21.4	67.3	6678.7	450.0	-14.1	-33.5	230.7	37.20	28.8	23.6	325.5	327.3	0.5	17.5	33.1	49.
23.1	73.4	6995.6	425.0	-17.9	-35.2	229.0	35.60	26.8	23.3	326.1	327.7	0.4	20.1	36.8	49.
24.9	76.9	7355.5	400.0	-21.7	-34.4	229.8	38.60	29.5	25.0	326.7	328.0	0.3	20.4	40.6	49.
26.6	77.6	7329.0	375.0	-24.5	-42.3	228.9	39.90	30.1	26.2	329.2	330.1	0.2	17.2	44.8	49.
28.3	81.4	7824.2	350.0	-28.1	-46.7	228.3	39.50	27.6	28.3	330.9	331.5	0.2	15.6	48.8	49.
30.1	83.3	8455.3	325.0	-32.3	-49.4	227.3	38.80	22.8	26.3	331.4	331.9	0.1	17.1	52.8	48.
32.1	83.5	9411.9	300.0	-38.4	99.9	221.9	35.20	23.5	26.2	331.3	999.9	99.9	999.9	57.1	48.
34.2	91.8	10303.2	275.0	-43.9	99.9	222.5	35.60	27.1	23.2	331.6	999.9	99.9	999.9	61.2	47.
36.4	96.3	10635.7	250.0	-49.5	99.9	236.4	37.70	31.4	20.9	332.5	999.9	99.9	999.9	66.2	48.
38.4	103.2	11317.2	225.0	-55.1	99.9	241.4	33.80	29.7	16.2	334.1	999.9	99.9	999.9	70.9	49.
41.2	110.2	12058.8	200.0	-60.6	99.9	241.9	41.60	36.5	19.5	336.8	999.9	99.9	999.9	78.3	50.
44.1	113.9	12878.1	175.0	-66.6	99.9	235.2	43.00	35.3	24.5	340.1	999.9	99.9	999.9	83.4	50.
47.3	118.8	13820.7	150.0	-59.4	99.9	240.9	39.30	34.3	19.1	369.4	939.9	99.9	999.9	91.7	51.
51.2	126.3	14975.9	125.0	-57.2	99.9	211.3	34.90	18.2	29.8	391.4	999.9	99.9	999.9	100.2	51.
55.9	134.0	16362.8	100.0	-61.6	99.9	231.7	26.10	20.5	16.2	408.6	999.9	99.9	999.9	108.9	49.
61.4	142.7	18158.4	75.0	-60.3	99.9	206.1	10.20	6.3	12.8	448.5	999.9	99.9	999.9	113.6	50.
69.0	152.5	23725.1	50.0	-56.0	99.9	144.3	9.00	-5.3	7.3	516.2	999.9	99.9	999.9	115.9	49.
81.7	163.5	25235.3	25.0	-46.3	99.9	88.7	16.5	-16.5	-0.4	651.6	999.9	99.9	999.9	111.7	47.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEXAS

9 MAY 1979
1705 GMT

120 90. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	89.6	1193.0	870.0	22.2	-4.0	270.0	7.7	7.7	0.0	307.4	317.1	3.3	17.0	0.0	0.
99.9	99.9	99.9	1033.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	21.6	1392.5	850.0	17.7	-1.2	238.6	12.1	9.9	7.0	304.7	316.6	4.1	27.7	0.4	83.
1.7	20.1	1660.3	825.0	15.1	-3.4	234.0	11.2	9.0	6.6	304.5	315.0	3.6	27.6	1.0	64.
2.9	20.6	1935.6	800.0	13.2	-4.9	214.6	13.1	7.4	10.8	305.2	314.9	3.3	27.9	1.8	57.
4.9	24.2	2171.7	775.0	11.5	-6.4	205.9	14.9	6.5	13.4	306.2	313.2	3.1	27.9	2.5	48.
6.7	31.9	2444.5	750.0	9.2	-7.5	205.6	15.9	6.9	14.4	306.6	315.2	2.9	29.7	3.3	42.
8.7	34.6	2724.1	725.0	6.5	-8.7	206.4	17.1	7.6	15.3	306.6	314.8	2.7	32.8	4.2	38.
9.5	37.3	3010.4	700.0	3.5	-9.0	206.0	19.2	8.4	17.2	306.4	314.6	2.8	39.4	5.2	36.
7.8	40.1	3304.1	675.0	0.5	-9.2	206.6	20.7	9.3	18.5	306.3	314.6	2.8	47.9	6.2	34.
9.4	42.9	3605.6	650.0	-2.1	-10.1	213.0	21.5	11.7	18.0	306.6	314.7	2.7	54.4	7.3	34.
9.2	45.9	3916.1	625.0	-4.1	-12.2	222.3	23.4	15.7	17.3	307.8	315.0	2.4	53.1	8.5	34.
10.1	48.7	4237.4	600.0	-6.0	-14.0	11.1	28.8	22.4	18.1	309.2	315.8	2.2	53.8	9.8	36.
11.0	51.6	4573.4	575.0	-6.5	-19.0	236.8	34.9	29.2	19.1	312.4	317.5	1.6	40.0	11.6	39.
12.3	54.9	4917.9	550.0	-6.5	-22.8	237.3	40.3	33.9	21.8	316.4	320.0	1.1	26.2	14.3	43.
14.1	57.9	5272.3	525.0	-5.6	-31.1	237.8	38.1	32.2	20.3	321.7	323.6	0.5	11.5	18.5	46.
15.7	61.3	5662.9	500.0	-8.1	-33.9	238.0	40.0	33.9	21.2	323.1	324.6	0.4	10.4	22.1	48.
16.9	64.1	6059.3	475.0	-11.3	-35.9	235.6	39.3	32.4	22.2	324.0	325.5	0.4	12.0	24.8	49.
17.9	67.5	6471.9	450.0	-13.9	-35.8	230.5	39.7	30.6	25.2	325.8	327.2	0.4	13.8	27.4	49.
19.2	71.1	6903.3	425.0	-16.8	-38.0	229.1	40.6	30.7	26.6	327.5	328.7	0.3	13.9	30.4	49.
20.9	74.6	7355.9	400.0	-20.0	-40.4	228.0	38.9*	28.9	26.0	329.0	330.0	0.3	14.2	34.2	49.
22.7	78.3	7830.4	375.0	-24.2	-43.6	230.8	37.9*	29.3	23.9	329.8	330.4	0.2	14.6	38.7	49.
24.3	82.1	8333.0	350.0	-28.0	-45.2	232.7	39.8*	31.6	24.1	331.0	331.7	0.2	17.3	43.5	50.
26.7	86.0	8857.8	325.0	-32.1	-48.5	231.4	32.5*	25.4	20.3	332.5	333.0	0.1	17.7	47.9	50.
28.7	90.3	9417.2	300.0	-37.3	-52.7	228.5	36.4*	27.3	24.1	332.8	333.1	0.1	19.1	51.2	50.
30.4	94.7	10012.0	275.0	-42.3	99.9	224.8	42.0*	29.6	29.8	334.0	999.9	99.9	999.9	55.8	50.
32.2	99.3	10647.9	250.0	-48.6	99.9	224.3	36.2*	25.3	25.9	334.2	999.9	99.9	999.9	59.9	49.
34.3	104.2	11332.4	225.0	-54.4	99.9	226.9	38.5*	28.1	26.3	335.2	999.9	99.9	999.9	64.5	49.
36.4	109.5	12076.9	200.0	-60.3	99.9	230.4	38.9*	30.0	24.8	337.3	999.9	99.9	999.9	69.8	49.
38.3	115.3	12895.4	175.0	-66.0	99.9	229.6	43.2*	32.9	28.0	341.1	999.9	99.9	999.9	75.9	49.
41.3	121.5	13839.3	150.0	-59.6	99.9	230.9	43.7*	36.6	23.9	367.4	999.9	99.9	999.9	83.9	49.
45.6	128.5	14982.6	125.0	-58.2	99.9	224.7	32.6**	22.9	23.2	389.7	999.9	99.9	999.9	92.8	58.
53.9	136.7	16357.9	100.0	-60.2	99.9	999.9	99.9	99.9	99.9	411.4	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEXAS

* MAY 1979
2035 GMT

150 15. 0

TIME MIN	ENTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E P/T T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
2.3	14.7	1143.3	866.4	24.3	-3.4	270.3	8.9	.0	8.9	309.6	328.9	4.2	13.3	0.3	0.
***.*	***.*	***.*	1333.0	**.*	**.*	**.*	**.*	**.*	**.*	***.*	***.*	**.*	**.*	**.*	***.
***.*	***.*	***.*	975.3	**.*	**.*	**.*	**.*	**.*	**.*	***.*	***.*	**.*	**.*	**.*	***.
***.*	***.*	***.*	850.3	**.*	**.*	**.*	**.*	**.*	**.*	***.*	***.*	**.*	**.*	**.*	***.
***.*	***.*	***.*	9**.3	**.*	**.*	**.*	**.*	**.*	**.*	***.*	***.*	**.*	**.*	**.*	***.
***.*	***.*	***.*	7**.3	**.*	**.*	**.*	**.*	**.*	**.*	***.*	***.*	**.*	**.*	**.*	***.
***.*	***.*	***.*	675.3	**.*	**.*	**.*	**.*	**.*	**.*	***.*	***.*	**.*	**.*	**.*	***.
1.3	2.6	11**.1	8**.3	19.6	1.6	270.4	9.8	9.8	-0.1	336.7	321.3	5.1	33.1	0.6	91.
3.1	21.1	1583.6	4**.3	17.3	3.9	267.2	12.6	12.5	.6	339.6	329.9	5.9	33.5	2.0	87.
5.1	25.6	1**8.4	4**.3	16.4	-2.4	265.6	13.2	13.2	0.9	336.5	327.0	4.7	36.2	2.9	87.
7.1	24.2	2171.4	775.3	11.9	-3.4	272.2	13.7	13.7	-0.4	336.5	319.9	4.6	41.4	3.4	97.
9.1	31.9	2465.1	7**.3	9.2	-1.4	273.3	11.4	11.4	-.1	3**.6	319.6	4.5	45.1	4.2	89.
7.5	31.6	2728.4	725.3	6.7	-2.3	25**.7	12.9	12.6	2.5	339.4	319.8	4.5	52.9	5.1	89.
4.5	30.1	3011.1	7**.3	4.3	-2.4	25**.2	16.3	15.2	5.2	3**.2	319.8	4.4	63.9	6.1	88.
3.4	31.4	33**.2	67*.3	1.5	-3.4	239.1	15.5	13.3	7.3	347.3	323.2	4.4	69.8	6.7	84.
1**.3	41.5	3**.*.3	6**.3	-1.5	-5.3	227.7	20.4	13.6	15.2	337.3	313.2	4.1	77.2	7.5	63.
11.4	43.4	3**3.4	6**.3	-3.2	-4.7	21**.3	24.7	13.2	20.7	3**.3	317.6	2.*	61.3	8.5	73.
12.5	47.9	4243.4	6**.3	-4.5	-13.4	217.4	25.6	17.4	22.3	31**.3	317.6	2.2	44.1	10.1	66.
13.3	5**.3	4**7.1	57*.*	-5.6	-17.3	227.3	33.1	24.2	22.5	313.4	314.9	1.8	43.3	11.9	63.
14.7	53.3	4725.5	5**.3	-6.7	-25.5	23*.3	4**.1	31.5	29.6	317.3	323.2	0.9	39.3	13.4	56.
15.3	1**.4	5**3.3	5**.3	-7.3	-33.1	23**.4	45.7	32.7	24.3	329.3	321.6	0.4	33.5	17.7	52.
17.5	5**.5	5**9.3	5**.3	-8.9	-36.1	2**.*	4**.*	32.4	24.4	322.3	321.7	0.4	25.4	21.4	54.
19.3	7**.4	6**4.4	47*.3	-11.3	-34.4	2**.1	43.1	33.7	27.3	3**.3	324.3	0.4	23.3	25.3	57.
2*.4	6*.1	7**7.1	45*.3	-14.5	-35.2	233.3	42.3	32.3	27.1	325.3	326.3	3.4	23.3	24.5	55.
2*.3	6*.6	7**7.3	4**.3	-17.2	-39.3	232.2	4**.*	33.5	25.4	326.9	323.1	3.3	**.*	32.7	56.
23.7	73.1	7**9.1	4**.3	-19.3	-4*.3	233.4	4**.*	33.*	23.5	324.1	333.2	3.3	14.3	3*.*	55.
2*.3	7*.7	7**3.*	37*.3	-24.2	-33.3	234.5	4**.*	33.5	23.*	37.*	333.4	3.2	14.7	4.*	55.
2*.4	8*.6	7**7.*	3**.3	-2*.1	-4*.5	23*.1	3**.*	2*.*	**.*	33*.3	331.5	3.2	**.1	5*.3	5*.
24.3	8*.5	**7*.1	3**.**	-32.5	-4**.*	23*.*	3**.*	27.4	15.7	***.*	332.*	3.1	1*.5	**.*	55.
3*.3	8*.7	**1*.1	3**.**	-3*.1	-4*.*	227.3	37.**	27.7	15.*	3**.*	33.5	3.1	15.3	51.3	54.
31.*	9*.3	11**.*	2**.**	-3*.*	-4*.*	224.7	3**.*	2*.5	**.6	33.1	3***.*	2.9	***.3	**.7	54.
34.3	47.5	12**.**	25*.**	-3*.*	-4*.*	23*.7	3**.*	2*.*	21.3	335.1	3***.3	2.9	3*.**	**.*	54.
3*.3	1**.4	13**.**	2**.**	-3*.*	-4*.*	23*.2	4**.**	3*.*	23.4	3**.9	**.***	2.9	**.3	**.*	53.
3*.2	13*.5	1**.*.*	**.**	-3*.*	-4*.*	2***.*	4**.**	32.3	32.3	337.3	***.9	2.9	3*.9	3*.*	53.
4*.3	11**.2	12*3.**	17**.*	-4*.*	-4*.*	2***.*	4**.**	32.3	3*.2	3*.2	***.9	3.9	3*.*	**.*	52.
4*.6	11*.3	13**.**	15**.3	-4*.*	-4*.*	2***.3	45.**	3*.3	32.7	3**.5	***.9	3.9	3***.*	1*.3	52.
4*.4	12*.3	13*2.**	14**.3	-4*.*	-4*.*	35*.2	35.**	2*.*	2*.1	3**.7	***.9	3.9	4*.**	**.3	53.
5*.5	133.5	14333.5	13**.*	-5*.1	-4*.*	2**.*	23.5*	1*.*	18.8	411.7	99*.3	3.9	4**.3	**.*	53.
55.2	142.3	14473.3	7**.3	-5*.*	-4*.*	2**.*	13.5*	5.3	12.5	452.2	9**.9	3.9	3***.*	1*.5	52.
62.2	152.3	29736.1	53.3	-5*.3	-4*.*	2**.*	7.3*	-3.7	6.6	515.3	9**.9	3.9	***.2	.*	31.
74.3	162.7	25263.7	23.3	-46.4	-4*.*	2**.*	5.3	-3.1	1.6	5**.7	3**.9	3.3	3***.*	.* .2	48.

* BY SPEED MEANS ELEVATION ANGLE DIFFERENCE LESS THAN 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEXAS

* MAY 1979
2305 GMT

150 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PUT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	19.0	1193.0	870.5	19.0	2.0	330.0	11.3	5.7	-9.8	304.8	318.4	5.1	32.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	21.0	1395.5	850.0	14.7	2.4	308.3	10.2	8.0	-6.3	301.6	316.6	5.4	43.4	0.8	133.
2.0	23.5	1567.4	825.0	12.8	2.5	291.4	11.5	10.7	-4.2	302.1	317.8	5.6	49.7	1.6	126.
3.3	26.0	1739.4	800.0	10.3	1.5	283.6	13.4	13.1	-3.2	302.2	317.2	5.3	54.0	2.4	120.
4.1	29.6	2169.2	775.0	9.4	0.8	285.4	16.2	16.2	1.3	304.8	318.9	5.3	56.9	3.3	113.
4.9	31.2	2440.1	750.0	6.8	-0.3	293.1	19.8	19.0	5.8	306.0	318.2	5.0	60.6	4.8	106.
5.9	33.3	2719.1	725.0	7.1	-1.1	297.4	19.2	16.2	10.4	307.3	321.4	4.9	55.8	6.8	98.
6.6	36.6	3007.1	700.0	5.2	-2.7	224.1	19.0	13.2	13.7	308.2	321.3	4.5	56.7	5.5	91.
7.5	39.3	3303.3	675.0	3.1	-4.0	214.0	20.1	11.3	16.7	309.1	321.5	4.2	59.7	6.2	83.
8.5	42.3	3606.1	650.0	1.5	-5.3	206.9	20.1	11.6	21.1	310.7	322.5	4.0	60.2	7.8	75.
9.5	44.9	3921.1	625.0	-0.6	-9.6	204.0	20.0	11.0	26.5	311.7	320.7	3.0	50.8	8.2	67.
10.7	47.9	4244.1	600.0	-3.0	-12.0	205.8	21.0	13.5	27.9	312.7	320.5	2.5	49.7	9.9	57.
12.2	50.9	4584.0	575.0	-6.9	-17.1	219.1	22.3	20.4	25.1	314.2	319.7	1.7	37.7	12.6	52.
13.9	53.8	4933.1	550.0	-6.8	-43.5	232.0	25.7	28.2	22.0	318.4	319.0	0.2	3.4	15.7	51.
15.1	56.9	5298.1	525.0	-5.9	-40.8	239.3	29.2	33.7	20.0	321.3	322.0	0.2	4.3	18.5	52.
16.2	59.9	5678.2	500.0	-8.9	-42.0	240.0	31.4	36.8	20.8	322.2	322.9	0.2	4.8	21.2	53.
17.5	63.1	6072.9	475.0	-12.1	-39.5	237.7	31.5	35.1	22.2	323.1	324.0	0.3	8.0	24.4	54.
19.4	66.5	6483.7	450.0	-15.5	-41.8	238.0	31.8*	35.4	22.1	323.8	324.6	0.2	8.5	27.9	54.
20.5	70.0	6912.7	425.0	-19.6	-43.5	235.3	33.3*	35.6	24.7	325.2	325.9	0.2	8.9	31.8	55.
21.9	73.4	7362.2	400.0	-22.4	-43.8	233.5	32.2*	34.0	25.1	325.9	326.7	0.2	12.1	35.7	54.
23.6	77.2	7833.7	375.0	-24.4	-45.3	235.5	33.5*	35.9	26.7	329.3	330.0	0.2	12.3	39.8	54.
25.7	81.0	8331.7	350.0	-28.6	-50.2	234.3	44.1*	35.8	25.7	330.2	330.7	0.1	10.3	45	55.
27.9	85.3	8857.6	325.0	-31.9	-52.5	232.2	39.4*	31.1	24.2	332.8	333.1	0.1	10.8	51.9	54.
29.7	89.8	9420.6	300.0	-36.2	-55.5	232.6	42.5*	33.2	25.8	334.4	334.7	0.1	11.4	55.1	54.
31.9	93.3	10016.5	275.0	-41.2	99.9	231.2	44.6*	34.8	27.9	335.6	999.9	99.9	999.9	59.8	54.
33.2	99.0	10657.4	250.0	-47.5	99.9	231.4	45.9*	35.9	28.6	335.5	999.9	99.9	999.9	64.6	54.
35.5	103.9	11345.1	225.0	-51.2	99.9	232.5	42.4*	33.6	25.8	337.0	999.9	99.9	999.9	70.3	54.
36.3	109.0	12093.1	200.0	-59.5	99.9	228.7	47.3*	35.5	31.2	338.5	999.9	99.9	999.9	77.5	53.
40.7	113.8	12919.1	175.0	-65.4	99.9	223.2	45.8*	31.4	33.3	342.8	999.9	99.9	999.9	84.6	53.
43.7	119.9	13857.4	150.0	-58.9	99.9	236.8	44.4*	37.1	24.3	348.4	999.9	99.9	999.9	92.2	52.
46.9	126.7	15022.7	125.0	-59.8	99.9	240.1	36.9*	31.9	18.4	386.8	999.9	99.9	999.9	100.5	53.
52.9	135.0	16430.3	100.0	-60.0	99.9	214.8	21.7*	12.2	18.0	411.7	999.9	99.9	999.9	106.6	53.
56.0	142.7	18197.7	75.0	-57.4	99.9	224.3	16.7*	11.0	12.6	452.6	999.9	99.9	999.9	112.2	52.
63.3	152.5	20753.0	50.0	-55.1	99.9	137.5	8.4*	-5.7	6.2	913.7	999.9	99.9	999.9	114.8	52.
75.2	163.8	25264.1	25.0	-47.3	99.9	999.9	99.9	99.9	99.9	647.7	999.9	99.9	999.9	111.0	50.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEXAS

10 MAY 1977
2115 GMT

147 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.3	1193.0	872.3	14.7	-1.4	330.3	7.7	3.9	-6.7	299.3	310.2	3.8	32.0	0.0	0.
99.9	99.9	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.
0.7	2.2	1462.6	850.0	12.2	-4.4	999.9	99.9	99.9	99.9	298.7	305.4	2.3	22.3	999.9	999.
1.6	23.5	1554.3	825.0	7.6	-5.3	999.9	99.9	99.9	99.9	298.5	307.5	3.1	34.9	999.9	999.
2.2	25.3	1813.5	800.0	7.5	-3.6	999.9	99.9	99.9	99.9	299.1	309.5	3.7	45.4	999.9	999.
3.1	27.5	2073.8	775.0	5.0	-6.2	999.9	99.9	99.9	99.9	299.1	309.4	3.6	51.5	999.9	999.
3.7	30.1	2484.1	750.0	4.2	-3.2	999.9	99.9	99.9	99.9	303.9	312.4	4.0	59.2	2.3	123.
4.2	32.7	2715.9	735.0	2.1	-3.5	259.3	23.4	23.0	4.1	331.8	313.4	4.1	66.3	2.8	116.
4.7	35.2	2944.1	700.0	1.7	-2.4	265.3	22.8	22.7	3.5	334.4	317.6	4.6	74.0	3.3	107.
5.5	37.3	3202.2	675.0	0.5	-1.3	271.5	24.5	19.2	15.3	336.4	320.5	4.9	82.8	4.3	97.
6.5	40.7	3464.1	650.0	-0.7	-4.1	274.5	26.5	16.5	20.8	338.2	320.8	4.3	77.7	5.2	83.
7.9	43.6	3724.4	625.0	-1.7	-4.1	277.5	28.0	13.1	24.8	340.5	323.8	3.1	57.4	6.9	68.
9.8	47.3	4232.3	600.0	-3.8	-14.3	281.3	31.1	15.3	26.6	344.7	326.9	2.7	36.4	9.1	56.
11.3	49.1	4536.0	587.3	-4.6	-52.3	275.2	33.3	23.4	23.2	315.2	315.4	0.0	1.0	11.9	52.
12.1	50.1	4787.1	562.3	-4.6	-52.4	277.4	35.3	29.3	19.8	319.6	319.8	0.0	1.0	6.4	52.
13.1	51.1	5047.6	537.3	-7.3	-54.3	278.7	37.2	32.1	19.8	320.1	320.2	0.0	1.0	16.5	52.
14.3	52.3	5307.2	512.3	-11.4	-57.7	279.1	39.4	33.0	19.7	319.9	320.1	0.0	1.0	19.1	54.
15.9	53.5	5567.1	487.3	-13.5	-54.5	279.9	39.2	32.4	21.9	321.2	321.4	0.0	1.0	22.7	54.
17.3	54.9	5827.6	462.3	-17.4	-61.3	283.5	40.6	32.7	24.2	321.4	321.5	0.0	1.0	26.2	54.
18.6	56.1	6087.9	437.3	-19.5	-62.4	282.3	39.3	30.0	24.9	323.8	323.9	0.0	1.0	29.3	54.
19.9	57.6	6352.2	412.3	-23.3	-65.2	279.3	41.1	32.2	28.6	324.9	324.0	0.0	1.0	32.6	53.
21.5	59.2	6618.6	387.3	-27.7	-65.5	283.6	41.2*	31.8	26.2	325.3	325.1	0.0	2.7	36.3	53.
23.5	61.3	6891.1	362.3	-33.1	-69.1	282.7	43.4*	34.5	26.3	328.1	328.2	0.0	1.0	41.5	53.
25.5	63.9	7171.4	337.3	-38.4	-71.4	279.3	43.7*	35.8	25.1	333.7	333.7	0.0	1.0	46.9	53.
27.5	67.3	7459.7	312.3	-43.2	-74.5	275.4	46.1*	38.1	26.3	338.5	338.5	0.0	1.0	52.3	53.
29.6	71.2	7758.4	287.3	-49.3	-77.3	275.3	41.7*	34.1	24.0	342.9	999.9	99.9	999.9	57.6	53.
31.7	75.4	8067.2	262.3	-54.6	-66.3	274.2	47.2*	38.3	27.6	343.8	999.9	99.9	999.9	63.0	54.
33.3	79.5	8387.1	237.3	-59.7	-66.9	271.1	45.3*	35.7	28.8	346.2	999.9	99.9	999.9	69.6	53.
34.5	83.9	8718.2	212.3	-64.5	-66.8	269.6	45.2*	31.8	32.2	348.6	999.9	99.9	999.9	75.8	53.
36.3	88.5	9062.8	187.3	-65.7	-66.9	272.6	49.6*	32.9	35.8	351.5	999.9	99.9	999.9	86.2	52.
42.1	93.4	9420.6	162.3	-68.3	-68.8	278.7	42.3*	36.2	22.0	368.0	999.9	99.9	999.9	91.8	52.
45.8	98.5	9792.9	137.3	-67.9	-68.9	284.5	32.5*	26.4	18.9	386.6	999.9	99.9	999.9	99.9	52.
49.9	103.9	10182.6	112.3	-63.2	-64.9	288.8	21.8*	9.1	19.8	411.4	999.9	99.9	999.9	105.1	52.
55.6	109.3	10591.5	87.3	-59.2	-60.9	289.1	15.9*	7.8	14.2	450.8	999.9	99.9	999.9	110.7	51.
63.1	115.3	11020.5	62.3	-57.3	-60.9	289.2	8.8*	-6.7	5.7	509.1	999.9	99.9	999.9	111.5	50.
75.9	121.5	11469.6	37.3	-49.8	-60.9	270.0	8.5	-8.0	-2.9	642.3	999.9	99.9	999.9	107.5	48.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 270
EL PASO, TEXAS

10 MAY 1979
505 GMT

151 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	19.7	1193.9	873.2	13.3	-9.8	330.0	4.1	2.1	-3.6	297.8	303.9	2.1	19.8	0.0	0.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	21.0	1418.5	850.0	11.4	-8.4	293.5	13.5	12.4	-5.4	298.1	305.1	2.4	24.0	0.4	137.
1.5	23.5	1666.8	825.0	9.1	-8.7	305.9	14.1	11.4	-8.3	298.3	305.2	2.4	27.3	1.1	127.
2.3	25..	1920.4	800.0	6.6	-9.6	308.6	14.8	11.8	-9.3	298.1	304.8	2.3	30.3	1.8	128.
3.1	28.6	2180.0	775.0	4.4	-9.2	299.9	14.6	12.6	-7.3	298.5	305.6	2.5	35.4	2.4	127.
3.9	31.2	2445.3	750.0	1.7	-8.3	288.7	14.8	14.0	-4.7	298.5	306.3	2.7	47.4	3.1	124.
4.6	33.8	2719.6	725.0	0.2	-6.4	279.3	15.8	15.6	-2.6	299.7	309.1	3.3	61.2	3.8	120.
5.4	36.6	2999.8	700.0	-0.2	-2.3	257.8	18.3	17.9	3.9	302.3	315.5	4.6	85.7	4.4	116.
6.3	39.2	3291.7	675.0	0.2	-0.5	230.1	23.6	18.1	15.1	305.8	321.5	5.5	95.4	5.2	106.
7.6	42.0	3594.2	650.0	-0.9	-2.3	214.7	28.0	15.9	23.0	307.9	322.3	5.0	93.1	6.3	89.
9.0	44.9	3907.1	625.0	-2.1	-9.3	206.3	30.9	13.7	27.7	310.0	319.1	3.0	57.9	7.9	72.
10.8	47.9	4230.1	600.0	-4.5	-16.2	211.8	32.6	17.2	27.7	311.0	316.6	1.8	39.3	9.8	62.
11.5	50.4	4566.5	575.0	-2.1	-25.6	219.8	34.4	22.0	26.4	317.5	320.3	0.8	14.5	12.0	57.
12.5	53.5	4918.4	550.0	-4.1	-26.4	228.3	36.1	26.1	25.0	319.2	321.9	0.8	15.7	14.1	55.
13.7	56.9	5282.9	525.0	-7.6	-29.0	229.0	37.5	28.3	24.6	319.3	321.5	0.7	16.0	16.6	54.
15.3	60.0	5660.3	500.0	-10.5	-31.3	231.9	38.3	30.2	23.6	320.2	322.1	0.6	16.2	19.6	53.
16.5	63.3	6053.4	475.0	-13.2	-31.9	232.0	37.8	29.7	23.3	321.7	323.6	0.5	18.8	23.1	53.
18.3	66.6	6462.6	450.0	-16.6	-34.7	226.7	35.2	25.6	24.1	322.4	324.0	0.4	19.1	26.3	53.
19.4	70.0	6889.7	425.0	-19.4	-38.2	227.7	38.1	28.2	25.6	324.1	325.3	0.3	17.0	29.4	52.
20.9	73.6	7338.4	400.0	-23.1	-40.0	229.9	38.0	29.1	24.5	324.9	326.0	0.3	19.6	32.8	52.
22.5	77.3	7805.8	375.0	-27.5	-42.6	235.7	39.1*	32.3	22.0	325.1	326.0	0.2	22.0	36.5	52.
24.2	81.3	8293.2	350.0	-29.3	-45.0	239.7	41.6*	35.9	21.0	329.3	330.0	0.2	20.0	40.6	53.
27.0	85.0	8826.0	325.0	-32.7	-47.8	237.3	41.8*	35.2	22.6	331.6	332.2	0.2	20.3	45.0	53.
27.9	89.3	9384.1	300.0	-37.8	-52.0	236.1	44.2*	35.8	25.9	332.1	332.5	0.1	20.7	50.0	53.
27.9	93.3	9977.1	275.0	-43.1	99.9	230.4	39.8*	30.7	25.4	332.9	999.9	99.9	999.9	55.1	53.
31.8	97.8	10611.7	250.0	-48.3	99.9	226.4	44.7*	32.4	30.8	334.2	999.9	99.9	999.9	59.9	53.
33.8	102.6	11297.4	225.0	-53.2	99.9	220.4	41.1*	26.6	31.3	337.0	999.9	99.9	999.9	65.0	52.
34.1	107.8	12044.6	200.0	-59.5	99.9	999.9	99.9	99.9	99.9	338.5	999.9	99.9	999.9	999.9	999.
34.5	113.4	12870.4	175.0	-63.6	99.9	999.9	99.9	99.9	99.9	344.9	999.9	99.9	999.9	999.9	999.
40.9	119.5	13825.9	150.0	-61.2	99.9	238.4	40.7*	34.6	21.3	364.7	999.9	99.9	999.9	84.6	50.
43.9	126.0	14954.9	125.0	-56.0	99.9	233.1	30.6*	24.5	18.4	393.6	999.9	99.9	999.9	91.8	51.
47.5	133.7	16353.4	100.0	-61.1	99.9	202.4	22.6*	8.6	20.9	409.7	999.9	99.9	999.9	96.9	51.
51.8	142.5	18143.3	75.0	-59.1	99.9	151.2	15.1*	-7.3	13.2	449.0	999.9	99.9	999.9	101.7	50.
58.4	152.5	20681.7	50.0	-55.7	99.9	128.1	7.9*	-6.2	4.9	512.2	999.9	99.9	999.9	102.6	48.
70.2	163.5	25167.7	25.0	-47.6	99.9	70.1	10.6	-10.0	-3.6	648.0	999.9	99.9	999.9	98.6	46.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 223
EL PASO, TEXAS

10 MAY 1979
0555 GMT

149 14. 0

TIME MIN	CNTR F	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	RH PTS GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.0	11431.0	876.0	12.7	-9.7	330.0	3.6	1.8	-3.1	295.9	333.0	2.1	29.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
# BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 270
EL PASO, TEXAS

10 MAY 1979
1105 GMT

ISI 16. 0

TEMP MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	17.4	1193.0	877.0	11.7	-6.2	330.0	4.1	2.1	-3.6	295.8	303.6	2.7	28.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
7.1	17.6	1212.1	875.0	11.6	-6.7	230.7	3.0	2.4	1.9	295.9	303.6	2.6	26.9	0.1	45.
0.9	21.1	1453.5	850.0	9.6	-8.1	157.8	1.7	-0.7	1.6	296.2	303.3	2.5	27.9	0.2	143.
1.7	22.1	1750.3	825.0	7.6	-8.9	314.7	6.0	4.3	-4.2	296.8	303.4	2.4	29.9	0.4	128.
2.4	25.3	1952.7	800.0	5.6	-9.2	308.8	7.3	5.7	-4.6	297.1	303.9	2.4	33.5	0.7	133.
3.4	27.5	2211.5	775.0	3.4	-9.9	306.9	9.8	7.8	-6.1	297.5	304.3	2.3	37.8	1.1	131.
4.4	30.9	2477.0	750.0	1.8	-7.2	296.7	12.1	10.8	-5.4	298.6	307.1	3.0	51.0	1.8	126.
5.5	32.6	2749.2	725.0	0.0	-6.1	274.9	13.5	13.5	-1.2	299.5	309.1	3.4	63.5	2.6	122.
6.5	35.2	3024.5	700.0	-1.6	-4.1	265.4	15.8	14.4	6.6	300.7	312.1	4.0	83.0	3.3	112.
7.5	37.9	3314.9	675.0	-2.9	-3.3	231.5	21.0	16.5	13.1	302.4	315.0	4.4	97.0	4.0	98.
8.5	41.7	3617.5	650.0	-4.3	-5.1	226.5	25.8	18.7	17.7	304.2	315.8	4.0	94.1	5.1	86.
9.4	43.4	3925.3	625.0	-6.7	-7.2	222.3	27.4	18.4	20.2	304.8	315.2	3.6	96.5	6.3	78.
10.7	45.3	4243.5	600.0	-7.1	-9.6	218.5	27.6	17.2	21.6	305.6	314.7	3.1	96.3	8.0	68.
12.1	44.7	4571.9	575.0	-11.7	-13.1	220.4	32.8	21.5	24.8	306.3	313.5	2.5	93.1	9.9	62.
13.5	54.1	4913.7	550.0	-9.4	-37.6	226.7	38.3	27.9	26.3	313.0	313.9	0.3	7.9	13.0	57.
14.9	55.2	5278.0	525.0	-8.9	-37.3	231.7	39.6	31.1	24.5	317.7	318.7	0.3	7.8	16.3	56.
16.1	54.3	5653.4	500.0	-11.0	-38.5	233.8	40.2	32.4	23.8	319.7	320.6	0.3	8.1	19.3	55.
17.4	61.5	6042.1	475.0	-13.8	-40.4	233.2	39.6	31.7	23.7	320.9	321.8	0.2	8.4	22.4	55.
18.4	64.9	6453.3	450.0	-17.1	-42.6	228.7	39.7	29.8	26.2	321.7	322.4	0.2	8.8	25.8	55.
20.5	64.3	6876.4	425.0	-19.7	-43.3	228.4	41.3	30.9	27.4	323.7	324.4	0.2	10.1	29.7	54.
22.3	71.7	7324.5	400.0	-22.7	-45.4	228.3	40.6*	30.3	27.0	325.5	326.1	0.2	10.5	33.5	53.
23.5	75.3	7796.1	375.0	-26.9	-48.0	228.5	42.4*	31.8	28.1	326.1	326.5	0.1	11.4	37.1	53.
25.1	78.1	8297.7	350.0	-31.0	-50.3	230.6	40.3*	31.1	25.6	326.9	327.3	0.1	12.5	41.7	52.
27.3	81.3	8830.3	325.0	-35.6	-52.4	227.2	38.3*	28.1	26.1	327.6	328.0	0.1	15.9	45.6	52.
29.1	87.2	9363.2	300.9	-40.1	99.9	221.6	40.6*	27.1	30.3	328.9	999.9	99.9	999.9	50.5	51.
31.2	91.6	9969.3	275.0	-44.1	99.9	221.9	44.7*	29.8	33.3	331.3	999.9	99.9	999.9	55.9	50.
33.4	99.0	10583.9	250.0	-48.2	99.9	222.0	50.1*	33.5	37.3	332.9	999.9	99.9	999.9	62.1	49.
35.8	101.9	11264.6	225.0	-54.3	99.9	225.6	44.1*	31.5	30.8	335.3	999.9	99.9	999.9	69.8	49.
38.3	109.9	12004.3	200.0	-59.3	99.9	232.3	50.6*	40.0	30.9	338.8	999.9	99.9	999.9	75.9	49.
41.3	111.6	12833.1	175.0	-63.3	99.9	234.5	48.6*	39.4	28.1	345.4	999.9	99.9	999.9	84.7	50.
44.5	117.9	13787.7	150.0	-63.3	99.9	237.6	54.7*	46.1	29.3	361.1	999.9	99.9	999.9	95.0	50.
47.4	124.5	14924.6	125.0	-57.6	99.9	239.2	34.7*	29.8	17.8	390.8	999.9	99.9	999.9	106.6	51.
52.6	132.3	16327.6	100.0	-60.8	99.9	218.8	20.6*	12.9	16.0	410.3	999.9	99.9	999.9	110.8	51.
58.3	141.3	18129.2	75.0	-61.0	99.9	177.2	9.9*	-0.5	9.9	465.1	999.9	99.9	999.9	115.2	50.
66.0	151.5	20673.3	50.0	-55.9	99.9	92.9	8.7*	-8.5	1.3	511.8	999.9	99.9	999.9	116.5	50.
79.4	163.0	25143.1	25.0	-49.6	99.9	98.4	9.7	-9.6	1.4	642.0	999.9	99.9	999.9	110.9	48.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE

9 MAY 1979
1100 GMT

159 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.4	180.0	993.5	18.0	16.7	130.0	1.0	-0.8	0.6	291.7	322.9	12.1	92.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.
0.6	9.1	342.5	975.0	19.9	17.6	999.9	99.9	99.9	99.9	295.2	3. .3	13.1	86.6	999.9	999.
1.5	11.4	566.9	950.0	18.7	16.3	999.9	99.9	99.9	99.9	296.2	328.7	12.4	85.8	999.9	999.
2.4	13.7	796.3	925.0	17.4	14.8	177.6	14.4	-0.6	14.4	297.1	327.6	11.5	84.9	1.5	349.
3.2	16.1	1030.3	900.0	15.8	13.6	179.5	14.6	-0.1	14.6	297.8	326.9	11.0	86.9	2.3	352.
4.1	18.5	1269.1	875.0	14.2	12.3	195.2	11.3	3.0	10.9	298.5	326.3	10.4	88.8	3.0	355.
5.0	21.0	1514.3	850.0	13.9	11.8	202.9	8.0	3.1	7.4	300.7	328.5	10.3	87.3	3.4	359.
5.9	23.4	1766.0	825.0	11.9	10.0	191.9	6.1	1.3	5.9	301.1	326.8	9.4	88.5	3.8	1.
6.9	25.9	2023.5	800.0	10.9	8.3	174.1	6.2	-0.6	6.1	302.8	326.5	8.6	83.8	4.1	1.
7.9	28.4	2289.0	775.0	10.4	6.2	155.6	5.3	-2.2	4.8	305.0	326.6	7.7	75.1	4.4	360.
8.9	31.0	2561.6	750.3	8.9	4.6	156.5	6.3	-2.5	5.7	306.2	326.3	7.1	74.2	4.7	358.
9.8	33.7	2842.3	725.0	7.2	2.1	156.9	6.2	-2.4	5.7	307.4	326.9	6.2	69.7	5.1	357.
10.9	36.3	3133.7	700.0	6.1	-2.2	154.8	5.5	-2.3	5.0	309.3	327.9	4.7	55.1	5.4	355.
12.0	39.0	3427.4	675.0	4.6	-4.2	149.7	4.7	-2.4	4.1	310.8	327.1	4.1	52.5	5.7	354.
13.2	41.8	3734.4	650.0	2.7	-3.1	125.4	6.5	-3.7	2.6	312.1	325.9	4.7	65.3	6.0	352.
14.3	44.4	4051.1	625.0	0.1	-4.6	131.2	6.2	-4.7	4.1	312.5	325.5	4.4	70.8	6.2	350.
15.5	47.4	4377.5	600.0	-1.9	-6.6	136.4	5.9	-4.1	4.3	314.0	325.7	3.9	70.2	6.6	348.
16.8	50.2	4715.3	575.0	-3.0	-12.1	103.6	4.2	-1.2	4.0	316.5	324.7	2.7	50.4	7.0	346.
18.1	53.1	5067.3	550.0	-5.0	-17.0	227.8	3.2	2.4	2.2	318.2	324.0	1.8	38.1	7.2	347.
19.3	56.1	5431.3	525.0	-9.0	-18.8	213.6	3.0	1.6	2.5	318.9	324.3	1.7	42.2	7.3	349.
20.7	59.3	5809.1	500.0	-10.0	-25.0	210.2	2.4	1.2	2.1	320.8	324.2	1.0	28.1	7.4	350.
22.1	62.4	6202.7	475.0	-12.7	-32.4	192.0	1.5	0.3	1.5	322.3	324.1	0.5	17.6	7.6	351.
23.5	65.7	6612.7	450.0	-16.2	-36.5	169.5	0.8	-0.2	0.8	322.9	324.2	0.4	15.4	7.6	350.
25.1	69.0	7040.4	425.0	-19.9	-61.9	245.2	2.7	2.4	1.1	324.8	324.8	0.0	1.0	7.7	351.
26.5	72.4	7448.9	400.0	-22.6	-64.3	268.3	3.8	3.8	0.1	325.6	325.7	0.0	1.0	7.7	356.
27.2	76.0	7858.3	375.0	-26.9	-60.4	247.3	3.7	3.4	1.4	326.1	326.2	0.0	2.5	7.7	358.
29.8	79.7	8452.3	350.0	-30.8	-62.1	224.5	4.1	2.9	3.0	327.2	327.3	0.0	2.9	7.9	358.
31.6	83.6	8973.2	325.0	-35.2	-64.2	220.0	5.6	3.6	4.3	328.1	328.2	0.0	3.4	8.3	1.
33.5	87.6	9526.1	300.0	-39.7	99.9	217.0	7.3	4.4	5.9	329.5	999.9	99.9	999.9	9.0	4.
35.5	91.9	10115.1	275.0	-43.9	99.9	223.5	7.5	5.1	5.4	331.7	999.9	99.9	999.9	9.7	7.
37.7	96.2	10743.8	250.0	-48.1	99.9	213.4	7.5	6.1	4.5	334.6	999.9	99.9	999.9	10.5	10.
40.0	101.0	11436.3	225.0	-52.0	99.9	241.7	8.6	7.8	4.1	338.9	999.9	99.9	999.9	11.2	14.
42.5	106.0	12134.4	200.0	-54.9	99.9	256.7	13.1	12.7	3.0	345.9	999.9	99.9	999.9	12.1	21.
45.3	111.3	13037.9	175.0	-60.3	99.9	256.3	14.6	14.1	3.5	350.5	999.9	99.9	999.9	13.5	30.
48.5	117.3	13994.4	150.0	-62.1	99.9	250.3	17.1	16.1	5.8	363.1	999.9	99.9	999.9	15.8	36.
52.2	124.0	15113.0	125.0	-65.3	99.9	261.9	17.1	16.9	2.4	376.8	999.9	99.9	999.9	18.9	44.
56.1	131.3	16469.1	100.0	-67.1	99.9	265.5	13.5	13.4	1.1	398.2	999.9	99.9	999.9	22.0	51.
61.4	140.0	18206.7	75.0	-65.3	99.9	262.9	9.8	9.7	1.2	436.0	999.9	99.9	999.9	25.0	55.
68.8	150.5	20715.0	50.0	-59.5	99.9	345.4	4.8	1.2	-4.7	503.3	999.9	99.9	999.9	26.3	58.
83.0	162.5	25168.5	25.0	-48.3	99.9	189.3	6.2	1.0	6.1	648.1	999.9	99.9	999.9	23.9	64.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE

9 MAY 1979
1410 GMT

153 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.0	180.0	994.6	23.1	19.7	140.0	1.5	-1.0	1.1	296.7	335.0	14.7	81.0	0.0	0.
99.9	99.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	0.0	352.8	975.0	19.7	17.7	999.9	99.9	99.9	99.9	295.0	329.3	13.2	88.0	999.9	999.
1.4	10.9	576.7	950.0	18.2	17.0	999.9	99.9	99.9	99.9	295.7	329.5	13.0	92.8	999.9	999.
2.3	12.9	805.5	925.0	17.2	14.5	999.9	99.9	99.9	99.9	296.9	326.8	11.3	84.2	999.9	999.
3.2	15.1	1039.4	900.0	15.3	13.7	182.5	9.8	0.4	9.8	297.2	326.4	11.0	90.2	1.4	350.
4.3	17.3	1278.6	875.0	14.4	12.6	183.4	7.4	0.4	7.4	298.7	327.0	10.6	89.3	1.9	354.
5.3	19.5	1524.5	850.0	14.6	9.3	177.7	7.6	-0.3	7.6	301.4	325.1	8.7	70.5	2.4	355.
6.3	21.8	1776.7	825.0	13.1	10.1	170.5	6.3	-1.0	6.2	302.4	328.3	9.5	82.5	2.8	355.
7.2	24.1	2034.3	800.0	10.9	9.2	160.5	6.0	-2.0	5.7	302.8	327.9	9.2	89.0	3.1	354.
8.3	26.5	2299.4	775.0	8.5	7.4	150.3	6.1	-3.0	5.3	303.0	326.1	8.4	92.5	3.5	352.
9.4	29.0	2570.4	750.0	7.9	3.7	147.0	8.2	-4.4	6.9	305.2	324.1	6.7	75.4	3.9	349.
10.5	31.3	2850.6	725.0	8.0	-0.4	148.8	9.2	-4.7	7.8	308.2	323.0	5.1	55.4	4.4	346.
11.6	33.6	3139.7	700.0	6.2	-2.5	155.3	9.7	-4.1	8.8	309.4	322.8	4.6	53.6	5.1	344.
12.7	35.1	3437.3	675.0	4.2	-1.3	166.1	8.7	-2.1	8.5	310.4	325.5	5.2	67.4	5.7	344.
14.3	38.7	3743.9	650.0	2.5	-3.5	173.5	8.3	-1.4	8.2	311.8	325.2	4.6	64.5	6.3	345.
15.1	41.2	4060.0	625.0	0.3	-6.2	164.9	8.9	-2.3	8.6	312.8	326.5	4.6	73.1	6.9	345.
16.4	43.9	4386.5	600.0	-1.3	-10.3	172.4	8.1	-1.1	8.0	314.7	323.6	2.9	53.3	7.5	345.
17.8	46.6	4723.3	575.0	-2.7	-13.4	191.7	6.2	1.3	6.1	316.9	321.5	1.4	28.2	8.1	346.
19.1	49.3	5076.0	550.0	-4.8	-23.2	181.4	4.4	0.1	4.4	318.4	322.0	1.1	22.0	8.5	347.
20.7	52.1	5440.0	525.0	-7.2	-29.9	191.1	2.6	0.5	2.5	319.8	321.8	0.6	14.2	8.8	348.
22.0	54.9	5819.5	500.0	-9.7	-39.1	219.5	2.6	1.7	2.0	321.3	322.2	0.3	7.1	9.0	349.
23.5	57.9	6212.6	475.0	-12.7	-58.0	236.5	2.3	1.9	1.2	322.2	322.3	0.0	1.0	9.1	350.
25.1	60.9	6622.7	450.0	-15.5	-59.8	250.7	4.6	4.3	1.5	323.7	323.8	0.0	1.0	9.1	351.
26.7	64.0	7051.2	425.0	-18.6	-51.7	255.7	6.6	6.4	1.6	325.2	325.3	0.0	1.0	9.2	355.
28.4	67.3	7499.8	400.0	-22.5	-34.5	260.6	5.4	5.3	0.9	325.4	325.4	0.0	1.0	9.3	359.
30.2	70.6	7959.1	375.0	-27.0	-67.2	255.7	5.0	4.8	1.2	325.9	325.9	0.0	1.0	9.4	2.
31.9	74.0	8462.6	350.0	-30.7	-69.6	247.1	5.3	4.9	2.1	327.4	327.5	0.0	1.0	9.6	5.
33.8	77.6	8994.7	325.0	-34.7	-72.3	225.4	6.3	4.5	4.4	328.8	328.8	0.0	1.0	10.0	8.
35.8	81.3	9535.8	300.0	-38.8	-75.0	206.3	6.8	2.8	6.2	330.7	330.7	0.0	1.0	10.8	10.
37.9	85.3	10133.7	275.0	-43.1	99.9	204.6	6.3	2.6	5.8	332.8	999.9	99.9	999.9	11.5	11.
40.1	89.3	10766.9	250.0	-46.8	99.9	196.3	8.6	2.1	8.3	336.5	999.9	99.9	999.9	12.5	11.
42.2	93.7	11461.4	225.0	-49.6	99.9	225.0	10.7	7.6	7.6	342.5	999.9	99.9	999.9	13.6	12.
44.7	98.4	12223.7	200.0	-55.0	99.9	240.7	11.9	10.4	5.8	345.8	999.9	99.9	999.9	14.9	17.
47.3	103.5	13066.4	175.0	-59.6	99.9	238.3	19.5	16.6	10.3	351.5	999.9	99.9	999.9	16.4	22.
50.0	109.0	14021.8	150.0	-62.6	99.9	240.2	16.1	15.8	-2.8	362.3	999.9	99.9	999.9	18.1	27.
53.3	115.3	15144.7	125.0	-63.9	99.9	260.6	17.6	17.3	2.9	379.3	999.9	99.9	999.9	20.5	32.
57.2	122.3	16508.4	100.0	-64.6	99.9	257.9	13.8	13.5	2.9	403.0	999.9	99.9	999.9	23.3	42.
62.2	130.5	18263.0	75.0	-61.9	99.9	257.4	7.9	7.7	1.7	443.3	999.9	99.9	999.9	25.9	47.
69.3	140.5	20790.6	50.0	-60.2	99.9	284.2	3.4	3.3	-0.8	501.6	999.9	99.9	999.9	25.7	48.
80.5	152.5	25246.4	25.0	-48.3	99.9	263.4	2.7	2.7	0.3	646.1	999.9	99.9	999.9	23.9	47.

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STATION NO. 327
NASHVILLE, TENNESSEE

9 MAY 1979
1710 GMT

158 29. 8

TIME MIN	CATCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.5	140.0	998.3	28.0	19.8	150.0	4.6	-2.3	4.0	301.7	341.1	14.8	61.0	0.0	0.
94.9	97.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
1.1	9.3	352.5	975.0	23.5	15.7	173.8	5.3	-0.6	5.3	298.8	329.6	11.6	61.6	0.3	354.
2.4	11.6	579.0	950.0	21.3	14.9	173.8	5.7	-0.6	5.6	298.8	329.7	11.2	66.4	0.7	354.
3.6	14.0	807.5	925.0	19.0	13.6	175.7	6.5	-0.5	6.5	298.8	327.3	10.7	70.8	1.2	354.
4.8	16.5	1036.0	900.0	17.2	13.0	176.6	7.0	-0.4	7.0	299.3	327.6	10.6	76.5	1.6	355.
5.5	18.9	1264.9	875.0	16.9	13.2	180.5	7.4	0.1	7.4	299.2	329.6	11.0	83.9	2.0	355.
6.6	21.4	1533.2	850.0	12.9	11.8	181.7	8.0	0.2	8.0	299.7	327.5	10.4	93.2	2.4	357.
7.3	24.5	1741.1	825.0	11.7	9.2	172.6	8.1	-1.0	8.0	301.0	325.3	8.9	84.6	2.8	357.
8.1	26.5	2014.9	800.0	10.4	8.9	160.1	7.1	-2.4	6.7	302.2	326.8	9.0	90.6	3.3	356.
9.3	29.1	2322.9	775.0	8.9	7.6	159.1	8.0	-2.8	7.5	303.3	326.8	8.5	92.5	3.7	353.
10.3	31.8	2577.2	750.0	9.2	4.2	159.5	8.0	-2.8	7.5	306.6	326.1	6.9	70.6	4.2	352.
11.4	34.5	2355.4	725.0	7.5	1.6	162.4	8.1	-2.5	7.8	307.7	324.7	5.9	65.4	4.7	350.
12.5	37.2	3140.6	700.0	5.3	-1.9	166.7	8.6	-2.0	8.4	309.1	323.0	4.8	57.1	5.2	350.
13.7	40.0	3396.3	675.0	5.5	-2.4	162.6	9.8	-2.9	9.3	311.8	325.9	4.8	57.0	5.9	349.
14.8	42.8	3653.0	650.0	3.2	-2.5	163.7	10.9	-3.1	10.5	312.6	327.0	4.9	66.3	6.6	349.
15.1	45.7	4309.4	625.0	1.6	-3.9	180.5	11.4	0.2	11.4	314.3	324.1	4.6	67.4	7.4	349.
17.3	48.6	4375.4	600.0	-0.6	-8.9	202.0	9.3	3.5	8.7	315.5	325.4	3.2	53.1	8.1	351.
18.6	51.5	4736.4	575.0	-3.1	-10.1	235.9	7.5	3.3	6.7	316.4	325.9	3.1	59.4	8.6	353.
19.9	54.5	5095.4	550.0	-4.8	-19.4	202.9	6.8	2.5	6.3	318.3	323.2	1.5	31.2	9.1	355.
21.3	57.8	5453.2	525.0	-6.4	-33.7	236.7	5.4	2.4	4.8	320.7	322.2	0.4	9.2	9.6	356.
22.9	61.3	5826.4	500.0	-9.1	-35.5	247.1	4.6	2.8	3.7	322.0	323.3	0.4	9.5	9.9	358.
24.2	64.3	6221.6	475.0	-12.5	-42.9	239.8	3.4	2.9	1.7	322.6	323.2	0.2	6.0	10.2	359.
[illegible]	67.7	6638.7	450.0	-15.1	-48.3	236.8	4.9	4.1	2.7	324.3	324.7	0.1	4.0	10.3	1.
27.3	71.1	7068.2	425.0	-18.5	-49.9	230.2	5.9	4.5	3.8	325.3	325.7	0.1	4.4	10.7	3.
28.9	74.9	7512.4	400.0	-22.4	-51.9	230.1	5.9	4.5	3.8	325.9	326.2	0.1	4.8	11.0	5.
30.6	78.6	7982.9	375.0	-26.9	-54.5	231.9	7.4	5.8	4.5	326.1	326.3	0.1	5.3	11.5	8.
32.5	82.5	8474.5	350.0	-31.0	-52.9	232.0	9.9	7.8	6.1	327.0	327.3	0.1	9.6	12.2	11.
34.4	86.5	8977.3	325.0	-35.6	-56.0	223.8	9.4	6.5	6.8	327.6	327.9	0.1	13.1	13.2	14.
36.5	90.7	9504.4	300.0	-39.2	99.9	194.8	10.7	2.7	10.3	330.2	999.9	99.9	999.9	14.3	15.
38.5	94.9	10040.6	275.0	-43.7	99.9	192.5	13.3	2.9	13.0	331.9	999.9	99.9	999.9	15.7	15.
40.6	99.6	10774.3	250.0	-45.5	99.9	217.9	13.2	8.1	10.4	338.4	999.9	99.9	999.9	17.3	16.
42.8	104.5	11574.2	225.0	-49.5	99.9	223.3	12.1	8.3	8.8	342.7	999.9	99.9	999.9	19.0	18.
45.2	109.8	12237.5	200.0	-54.3	99.9	225.4	14.1	10.0	9.9	346.7	999.9	99.9	999.9	20.5	20.
47.9	115.5	13093.3	175.0	-59.4	99.9	235.4	12.3	10.1	7.0	351.9	999.9	99.9	999.9	22.2	23.
50.4	121.9	14045.0	150.0	-61.5	99.9	242.3	16.5	14.6	7.7	364.2	999.9	99.9	999.9	24.1	26.
53.6	129.7	15168.4	125.0	-66.0	99.9	257.6	18.4	17.9	3.9	379.0	999.9	99.9	999.9	26.6	31.
57.3	139.3	16533.5	100.0	-65.5	99.9	258.9	13.7	13.4	2.8	401.3	999.9	99.9	999.9	29.0	37.
61.8	149.9	18281.5	75.0	-63.6	99.9	271.9	7.1	7.1	-0.2	439.6	999.9	99.9	999.9	31.8	41.
68.6	165.0	20931.4	50.0	-59.8	99.9	173.6	2.9	-0.3	2.9	502.5	999.9	99.9	999.9	31.2	41.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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STATION NO. 327
NASHVILLE, TENNESSEE

9 MAY 1979
2001 GMT

158 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	6.9	180.3	992.7	27.1	18.7	170.0	4.1	-0.7	4.0	300.9	337.7	13.8	63.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	6.5	338.7	975.3	24.5	17.4	163.5	5.7	-1.6	5.4	299.8	334.3	13.0	64.5	0.2	354.
1.5	13.9	566.0	950.0	22.4	16.4	158.7	4.9	-1.8	4.6	299.9	333.2	12.5	69.1	0.5	346.
2.6	13.3	797.5	925.0	20.1	16.0	158.7	4.4	-1.6	4.1	299.8	333.2	12.5	77.6	0.8	343.
3.7	15.7	1033.6	900.0	18.1	14.8	174.7	4.7	-0.4	4.7	300.1	331.9	11.9	81.2	1.1	343.
4.5	18.1	1274.6	875.0	16.3	13.7	181.1	5.0	0.1	5.0	300.7	331.1	11.3	84.5	1.4	347.
5.5	20.6	1521.1	850.0	14.5	12.3	181.0	5.7	0.1	5.6	300.7	330.1	10.6	86.6	1.7	350.
6.5	23.1	1773.2	825.0	12.6	11.3	167.3	5.6	-1.2	5.7	301.3	330.1	10.6	92.9	2.0	350.
7.7	25.6	2031.8	800.0	11.4	9.6	164.6	6.6	-1.8	5.4	301.8	329.7	10.3	89.6	2.4	353.
8.9	28.2	2296.9	775.0	9.1	7.2	158.9	7.8	-2.8	6.4	303.3	329.1	9.4	88.3	2.9	348.
10.2	30.8	2568.5	750.0	7.8	6.8	162.9	7.5	-2.2	7.3	303.6	328.5	8.3	93.8	3.5	347.
11.2	33.4	2846.1	725.0	5.9	5.1	172.3	6.7	-0.9	7.2	305.9	328.2	8.3	94.5	3.9	347.
12.3	36.0	3130.6	700.0	7.2	-0.9	176.6	6.8	-0.4	6.6	305.9	327.3	7.6	95.2	4.4	348.
13.5	38.7	3423.2	675.0	5.2	-2.5	174.6	7.7	-0.7	6.8	310.4	325.4	5.1	57.4	4.9	349.
14.6	41.4	3722.7	650.0	3.4	-3.6	182.7	8.7	0.4	7.7	311.4	325.3	4.7	60.3	5.4	350.
15.9	44.2	4029.4	625.0	1.4	-9.0	192.1	7.7	1.6	8.7	312.8	326.3	4.5	65.9	6.1	352.
17.4	47.0	4347.4	600.0	0.2	-14.6	203.3	6.0	2.4	7.5	314.1	323.5	3.1	31.8	6.8	356.
18.9	49.9	4676.5	575.0	-2.9	-16.5	199.0	6.5	2.1	5.5	316.3	322.8	2.0	33.9	7.0	356.
20.2	52.9	5016.9	550.0	-4.6	-50.3	206.7	5.4	2.4	6.1	316.6	322.4	1.9	0.1	7.8	357.
21.9	55.0	5362.3	525.0	-5.9	-53.6	205.5	4.5	1.9	4.8	318.7	319.1	0.1	2.1	7.9	359.
23.6	59.0	5721.9	500.0	-9.0	-55.6	215.1	4.8	2.8	4.1	321.4	321.6	0.0	1.0	8.3	0.
25.0	62.3	6216.9	475.0	-11.9	-57.4	229.1	5.0	3.8	3.9	322.1	322.3	0.0	1.0	8.7	3.
26.6	65.5	6624.4	450.0	-14.9	-59.4	229.0	6.9	5.2	3.3	323.3	323.4	0.0	1.0	9.0	5.
28.4	68.8	7054.2	425.0	-18.3	-61.5	229.5	8.5	6.4	4.5	324.5	324.6	0.0	1.0	9.7	8.
30.3	72.3	7507.5	400.0	-22.0	-64.0	240.8	11.5	10.0	5.7	325.5	325.6	0.0	1.0	10.5	13.
32.1	75.9	7978.2	375.0	-26.3	-63.9	248.7	13.5	12.6	5.6	326.4	326.5	0.0	1.0	11.4	19.
34.2	79.6	8472.1	350.0	-31.2	-61.1	244.2	14.6	13.2	4.9	326.7	326.9	0.0	1.5	12.6	25.
36.5	83.5	9231.8	325.0	-36.3	-56.2	239.0	13.7	11.7	6.4	326.7	325.9	0.0	3.5	14.2	29.
38.9	87.5	9542.0	300.0	-40.2	99.9	226.8	12.8	9.3	7.1	326.7	326.9	0.1	10.7	15.8	32.
41.2	91.9	10132.6	275.0	-42.5	99.9	225.9	13.3	9.5	8.7	328.7	999.9	99.9	999.9	17.7	33.
43.9	96.2	10772.5	250.0	-45.6	99.9	227.8	12.1	9.0	9.2	333.7	999.9	99.9	999.9	19.6	35.
46.7	101.3	11473.2	225.0	-49.0	99.9	222.3	12.5	8.4	8.2	338.3	999.9	99.9	999.9	21.5	36.
49.6	106.3	12232.7	200.0	-54.9	99.9	229.4	15.6	11.9	9.3	343.5	999.9	99.9	999.9	24.2	37.
52.8	111.5	13077.0	175.0	-59.6	99.9	228.2	12.0	8.9	10.2	345.8	999.9	99.9	999.9	26.5	38.
56.3	117.5	14040.1	150.0	-63.5	99.9	241.3	16.6	14.5	8.0	351.5	999.9	99.9	999.9	29.6	39.
60.7	124.0	15166.9	125.0	-62.7	99.9	259.8	17.9	17.5	8.0	365.8	999.9	99.9	999.9	33.4	43.
65.8	131.3	16531.2	100.0	-65.7	99.9	261.8	13.8	13.7	3.5	381.5	999.9	99.9	999.9	37.1	48.
72.0	139.7	18281.9	75.0	-64.1	99.9	276.2	8.6	8.5	2.0	400.9	999.9	99.9	999.9	40.4	52.
80.1	148.7	20737.7	50.0	-59.7	99.9	154.5	3.7	-1.6	-0.9	438.6	999.9	99.9	999.9	41.9	54.
93.3	158.5	25236.1	25.0	-47.6	99.9	999.9	99.9	99.9	3.3	502.9	999.9	99.9	999.9	40.1	55.
									99.9	648.0	999.9	99.9	999.9		

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE

9 MAY 1979
2300 GMT

155 12. 0

TIME MIN	CNTCP	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
3.0	6.6	1403.3	991.5	26.8	17.6	170.0	2.6	-0.5	2.6	300.7	335.1	12.9	57.0	0.0	0.
99.9	99.9	99.9	1000.3	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
3.5	9.5	324.5	975.0	25.8	17.8	155.0	3.9	-1.6	3.5	301.1	336.7	13.3	61.6	0.2	328.
1.6	1.6	556.3	950.0	23.4	16.6	148.6	4.5	-2.3	3.8	301.3	335.1	12.6	64.0	0.4	330.
2.1	12.9	784.5	925.0	21.5	15.4	143.4	4.8	-2.9	3.9	301.3	333.7	12.1	68.3	0.6	328.
3.1	17.5	1026.6	900.0	19.4	14.8	142.7	5.8	-3.5	4.6	301.5	333.4	11.9	74.6	0.9	327.
3.9	17.2	1264.3	875.0	17.1	12.9	142.2	6.0	-3.7	4.8	301.6	330.5	10.7	75.5	1.2	326.
4.7	14.4	1514.3	850.0	15.0	13.1	153.6	5.2	-2.3	4.6	301.9	332.3	11.3	88.6	1.4	325.
5.6	21.7	1764.6	825.0	13.6	10.7	177.0	5.2	-0.3	5.2	303.0	329.9	9.9	82.6	1.7	328.
6.4	24.0	2023.3	800.0	12.9	8.7	194.8	6.2	1.6	6.0	304.9	329.5	8.9	75.8	1.9	334.
7.4	27.4	2285.6	775.0	11.1	7.7	199.4	7.1	2.4	6.7	305.7	329.6	8.6	80.0	2.2	341.
8.4	29.7	2546.3	750.0	9.4	5.6	187.8	7.0	0.9	7.0	306.8	328.3	7.7	77.1	2.6	347.
9.4	31.2	2812.3	725.0	8.2	3.9	178.0	6.9	-0.2	6.9	308.5	328.4	7.0	73.8	3.0	348.
10.5	33.5	3083.7	700.0	6.8	0.8	187.1	6.5	0.8	6.5	309.8	326.6	5.8	66.4	3.4	350.
11.6	35.1	3363.1	675.0	5.6	-0.3	194.0	6.1	1.5	6.0	311.9	328.2	5.6	65.6	3.8	352.
12.9	37.7	3785.3	650.0	3.5	-4.1	198.2	4.9	1.5	4.7	312.9	325.8	4.3	57.4	4.2	354.
13.9	41.2	4053.6	625.0	1.9	-7.8	205.3	4.6	2.0	4.2	314.7	325.1	3.4	48.9	4.4	356.
15.1	43.9	4331.5	600.0	-0.8	-9.1	205.6	5.8	2.5	5.3	315.2	325.1	3.2	53.3	4.8	358.
16.4	47.6	4733.7	575.0	-1.4	-34.4	228.2	6.8	5.1	4.5	318.4	319.6	0.4	5.9	5.2	2.
17.7	46.1	5054.2	550.0	-2.9	-35.3	247.9	7.3	6.8	2.8	320.7	321.9	0.3	8.1	5.5	7.
19.2	52.1	5453.6	525.0	-5.6	-36.9	252.4	8.7	8.3	2.6	321.6	322.7	0.3	6.4	5.8	13.
20.5	57.9	5833.6	500.0	-8.5	-38.6	258.0	8.9	8.7	1.9	322.7	323.7	0.3	6.7	6.2	19.
22.2	54.0	6256.6	475.0	-11.6	-40.3	266.7	9.2	9.2	0.5	323.9	324.7	0.2	7.0	6.6	26.
23.8	61.3	6634.6	450.0	-14.3	-42.2	271.3	10.4	10.4	-0.2	325.2	326.0	0.2	7.3	7.0	32.
25.3	64.1	7060.3	425.0	-16.5	-39.7	266.7	11.3	11.3	0.7	325.3	326.3	0.3	13.5	7.7	39.
26.9	67.3	7517.1	400.0	-22.7	-36.6	257.1	10.7	10.5	2.4	325.5	327.0	0.4	26.6	8.5	44.
28.7	71.6	7986.7	375.0	-26.9	-38.9	244.4	9.6	8.7	4.1	325.9	327.2	0.3	31.2	9.5	47.
30.5	74.9	8474.6	350.0	-31.5	-40.3	235.4	9.9	8.2	5.6	326.3	327.5	0.3	41.1	10.5	48.
32.5	77.6	8977.1	325.0	-36.3	-41.3	234.8	11.7	9.5	6.7	326.6	327.7	0.3	52.7	11.8	49.
34.5	81.3	9484.1	300.0	-39.8	99.9	243.3	11.7	10.4	5.2	329.2	999.9	99.9	999.9	13.2	50.
36.7	85.2	10014.1	275.0	-42.5	99.9	248.5	12.2	11.3	4.5	333.6	999.9	99.9	999.9	14.6	52.
38.2	84.3	10377.3	250.0	-45.9	99.9	232.5	14.1	11.2	8.6	337.9	999.9	99.9	999.9	16.5	53.
41.3	91.7	11077.1	225.0	-49.1	99.9	235.1	15.3	12.6	8.8	343.2	999.9	99.9	999.9	18.9	53.
44.5	99.4	11794.3	200.0	-54.6	99.9	232.3	14.1	8.8	6.8	348.2	999.9	99.9	999.9	21.3	53.
47.7	103.4	12549.3	175.0	-58.0	99.9	228.9	12.9	9.7	8.5	353.1	999.9	99.9	999.9	23.1	52.
51.2	109.0	13354.1	150.0	-60.0	99.9	248.7	15.4	14.3	5.6	366.8	999.9	99.9	999.9	26.2	53.
55.2	115.0	14182.8	125.0	-62.7	99.9	259.8	20.1	19.8	3.5	381.5	999.9	99.9	999.9	30.2	56.
59.9	121.8	16569.0	100.0	-65.8	99.9	271.2	17.0	17.0	-0.4	400.7	999.9	99.9	999.9	34.8	60.
66.3	133.0	18301.5	75.0	-64.6	99.9	281.8	7.5	7.4	-1.5	437.5	999.9	99.9	999.9	38.4	65.
74.6	140.5	20833.3	50.0	-60.6	99.9	0.3	5.5	-0.0	-5.5	500.7	999.9	99.9	999.9	39.0	66.
87.8	153.5	23250.7	25.0	-68.[illegible]	99.9	999.9	99.9	99.9	99.9	646.7	999.9	99.9	999.9	37.0	72.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 327
NASHVILLE, TENNESSEE

10 MAY 1979
209 GMT

157 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.7	183.0	992.1	23.0	19.0	110.0	3.6	-3.4	1.2	296.0	333.6	14.1	78.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	8.3	332.7	975.0	24.4	18.3	124.7	8.3	-6.8	4.7	299.7	336.2	13.7	68.0	0.4	295.
1.5	10.6	560.3	950.0	22.9	15.8	138.3	6.9	-4.6	5.2	300.4	332.6	12.0	64.5	0.7	304.
2.4	13.0	792.4	925.0	21.1	14.2	142.2	6.0	-3.7	4.8	300.9	330.7	11.1	64.6	1.1	310.
3.4	15.4	1029.5	900.0	19.5	12.9	156.3	7.0	-2.6	6.4	301.7	330.9	10.5	65.3	1.4	315.
4.4	17.8	1271.6	875.0	17.5	11.9	156.7	7.7	-3.3	6.9	302.0	329.5	10.1	69.6	1.8	321.
5.4	20.2	1519.0	850.0	15.8	11.2	151.3	7.4	-3.6	6.5	302.7	329.8	9.9	74.1	2.3	323.
6.6	22.7	1772.9	825.0	14.6	9.3	163.4	6.1	-1.7	5.8	304.0	328.9	9.8	70.7	2.8	324.
7.7	25.2	2032.9	800.0	12.7	9.0	191.3	4.4	0.9	4.3	304.7	329.8	9.1	77.8	3.0	328.
8.7	27.7	2299.6	775.0	10.9	8.3	214.0	4.3	2.4	3.5	305.6	330.4	8.9	84.0	3.2	331.
9.9	30.3	2572.4	750.0	8.5	7.1	231.9	4.8	3.8	2.9	305.8	329.5	8.5	90.8	3.3	337.
10.9	32.9	2852.7	725.0	6.6	5.6	220.4	3.7	2.4	2.8	306.5	328.7	7.9	94.4	3.4	341.
12.2	35.6	3140.1	700.0	4.8	1.5	210.4	4.3	2.2	3.7	307.8	329.3	6.1	79.4	3.6	345.
13.5	38.2	3437.1	675.0	4.7	-5.6	218.0	5.6	3.4	4.4	310.9	322.1	3.8	47.7	3.8	349.
14.7	41.0	3743.7	650.0	3.3	-11.7	217.1	6.5	3.9	5.2	312.7	320.0	2.4	32.2	4.1	354.
16.0	43.9	4063.7	625.0	1.2	-23.5	231.3	6.9	5.4	4.3	313.9	317.9	1.2	18.6	4.5	359.
17.4	46.8	4393.9	600.0	2.9	-44.1	265.5	6.9	6.9	0.5	319.5	319.8	0.1	1.0	4.7	5.
18.9	49.8	4732.5	575.0	0.4	-44.7	273.8	7.6	7.6	-0.5	320.5	320.6	0.1	1.0	4.8	13.
20.3	52.5	5086.9	550.0	-2.6	-51.6	273.1	8.0	8.0	-0.4	321.0	321.2	0.1	1.0	4.9	21.
22.1	55.4	5453.4	525.0	-5.6	-53.5	264.6	7.1	7.1	0.7	321.6	321.8	0.0	1.0	5.3	29.
24.3	58.7	5833.7	500.0	-8.6	-55.4	253.6	7.8	7.5	2.2	322.6	322.7	0.0	1.0	5.8	35.
25.5	61.9	6228.9	475.0	-12.9	-57.5	232.1	9.2	8.7	3.1	323.2	323.3	0.0	1.0	6.6	39.
27.3	65.1	6643.2	450.0	-14.9	-52.7	255.1	8.1	7.8	2.1	324.6	324.9	0.1	2.4	7.3	43.
29.8	69.5	7069.5	425.0	-18.6	-46.8	259.8	8.6	8.5	1.5	325.1	325.6	0.1	6.3	7.9	46.
31.2	72.0	7517.4	400.0	-23.1	-46.5	263.7	9.3	9.3	1.0	325.0	325.7	0.2	11.5	8.5	49.
31.3	75.6	7985.4	375.0	-27.8	-40.3	254.5	10.2	10.0	2.0	324.8	325.9	0.3	29.0	9.4	52.
31.5	79.1	8474.3	350.0	-32.7	-39.4	246.7	9.7	8.9	3.8	324.7	326.0	0.3	50.4	10.4	54.
35.7	81.2	8983.5	325.0	-37.3	-41.6	252.7	10.0	9.5	3.0	325.3	326.5	0.3	71.8	11.5	55.
34.3	87.3	9515.7	300.0	-39.4	99.9	262.9	11.2	11.1	1.4	329.9	999.9	99.9	999.9	12.9	58.
40.2	91.5	10136.1	275.0	-43.7	99.9	258.3	11.1	10.9	2.3	331.9	999.9	99.9	999.9	14.2	61.
42.4	97.9	10770.7	250.0	-47.2	99.9	241.9	13.1	11.5	6.2	335.9	999.9	99.9	999.9	16.0	62.
45.5	102.9	11463.2	225.0	-50.4	99.9	240.6	12.7	11.1	6.2	341.3	999.9	99.9	999.9	18.2	61.
49.6	108.3	12225.4	200.0	-54.9	99.9	231.3	10.1	7.9	6.3	345.8	999.9	99.9	999.9	20.1	61.
51.6	111.5	13073.6	175.0	-57.8	99.9	246.0	14.1	12.9	5.7	356.5	999.9	99.9	999.9	22.2	61.
55.1	117.5	14036.6	150.0	-61.9	99.9	249.2	17.0	15.9	6.1	363.6	999.9	99.9	999.9	25.4	62.
59.2	124.0	15142.9	125.0	-63.2	99.9	268.1	21.4	21.4	0.7	380.6	999.9	99.9	999.9	30.2	64.
64.1	131.3	16527.6	100.0	-66.2	99.9	275.7	17.0	16.9	-1.7	399.8	999.9	99.9	999.9	35.1	69.
70.2	137.1	14290.0	75.0	-66.3	99.9	278.6	8.1	8.0	-1.2	433.9	999.9	99.9	999.9	38.7	73.
78.7	148.3	23771.5	50.0	-62.9	99.9	12.7	5.5	-1.2	-5.4	495.5	999.9	99.9	999.9	39.3	76.
92.3	157.5	25169.9	25.0	-50.9	99.9	999.9	99.9	99.9	99.9	638.5	999.9	99.9	999.9	35.2	78.

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STATION NO. 327
NASHVILLE, TENNESSEE

10 MAY 1979
510 GMT

153 16. 0

TIME MIN	EFFECT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	180.0	932.7	21.1	16.7	160.0	1.5	-0.5	1.4	294.9	333.7	13.8	86.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	9.9	336.9	975.0	22.5	17.9	999.9	99.9	99.9	99.9	297.8	332.9	13.3	76.7	999.9	999.
1.5	11.3	563.3	950.0	21.5	17.3	999.9	99.9	99.9	99.9	299.1	334.1	13.2	78.9	999.9	999.
2.5	13.2	748.6	925.0	19.6	16.3	173.9	11.1	-1.2	11.1	299.4	332.7	12.5	79.8	1.6	346.
3.4	15.3	1033.7	900.0	17.9	16.2	180.6	8.7	0.1	8.7	300.0	334.6	13.0	89.8	2.1	349.
4.4	17.5	1271.9	875.0	16.1	13.5	178.5	7.5	-0.2	7.5	300.5	331.3	11.5	86.5	2.6	351.
5.3	19.7	1515.3	850.0	14.5	12.3	183.7	6.2	0.4	6.2	301.4	330.2	10.7	86.8	2.9	352.
6.2	22.0	1771.3	825.0	13.5	9.6	187.5	5.8	-1.2	5.6	302.9	328.0	9.1	76.8	3.2	353.
7.1	24.4	2031.3	800.0	12.3	8.1	158.7	5.3	-2.3	4.8	304.3	327.8	8.5	75.2	3.6	351.
8.5	26.8	2236.4	775.0	11.5	7.2	160.9	5.5	-1.8	5.2	305.1	328.2	8.3	80.2	3.9	350.
9.5	29.3	2556.3	750.0	8.4	6.3	191.3	6.0	1.2	5.8	305.7	328.1	8.0	87.0	4.3	351.
10.7	31.8	2848.9	725.0	5.3	4.6	204.7	4.8	2.0	4.4	306.0	326.6	7.4	91.1	4.7	353.
12.0	33.8	3136.1	700.0	5.9	-4.1	221.8	3.1	2.1	2.3	309.1	321.1	4.1	63.1	4.9	355.
13.2	36.3	3413.7	675.0	4.8	-5.7	211.7	4.7	2.5	4.0	311.1	322.1	3.7	46.4	5.1	357.
14.6	38.3	3701.2	650.0	2.9	-9.1	236.7	5.0	4.1	2.7	312.3	322.0	3.2	44.0	5.4	360.
15.9	41.4	4051.2	625.0	3.5	-42.9	279.2	6.6	6.5	-1.1	316.4	317.0	0.1	1.9	5.4	4.
17.3	43.1	4387.5	600.0	1.0	-44.1	278.9	8.2	8.1	-1.3	317.3	317.6	0.1	1.0	5.4	10.
18.3	45.9	4724.3	575.0	-1.0	-50.6	278.3	9.5	9.4	-1.4	318.9	319.1	0.1	1.0	5.4	16.
19.5	48.5	5081.1	550.0	-3.6	-52.2	271.2	9.5	9.5	-0.2	319.9	320.1	0.1	1.0	5.6	25.
21.1	52.3	5446.3	525.0	-6.4	-53.6	254.0	8.9	8.6	2.5	320.7	320.9	0.0	1.1	6.1	31.
22.5	55.2	5825.2	500.0	-9.3	-53.9	251.1	8.6	8.2	2.8	321.7	322.0	0.1	2.1	6.7	35.
24.1	58.1	6214.8	475.0	-13.0	-40.5	256.0	8.5	8.3	2.1	321.9	322.7	0.2	7.8	7.3	39.
25.9	61.1	6627.9	450.0	-16.7	-40.9	244.1	7.9	7.1	3.4	322.3	323.1	0.2	10.2	8.3	42.
27.5	64.3	7055.1	425.0	-19.9	-42.6	231.7	9.7	7.6	6.0	323.4	324.2	0.2	11.1	8.9	43.
29.1	67.4	7503.9	400.0	-24.3	-42.1	228.9	10.4	7.8	6.8	323.4	324.2	0.2	17.4	9.8	44.
31.4	70.9	7987.3	375.3	-29.9	-41.3	222.7	9.3	6.3	6.9	323.4	324.4	0.3	29.8	10.9	44.
32.6	74.3	8455.9	350.3	-33.6	-41.2	225.2	9.4	6.7	6.6	323.4	324.5	0.3	45.9	11.8	44.
34.7	77.9	8972.6	325.3	-35.9	-52.5	240.7	10.7	9.3	5.2	327.3	327.6	0.1	15.1	13.1	45.
36.7	81.7	9524.8	300.3	-37.6	99.9	248.5	11.8	10.9	4.3	329.5	999.9	99.9	999.9	14.3	47.
38.4	85.5	10113.6	275.0	-40.6	99.9	252.0	12.4	11.8	3.9	330.6	999.9	99.9	999.9	15.8	49.
41.2	89.7	10746.4	250.0	-44.2	99.9	256.0	13.7	13.1	3.8	334.4	999.9	99.9	999.9	17.5	51.
43.4	94.3	11435.3	225.0	-51.3	99.9	262.7	13.6	13.0	3.7	339.9	999.9	99.9	999.9	19.4	54.
46.5	99.4	12169.3	200.0	-55.1	99.9	253.8	12.3	11.8	3.4	345.6	999.9	99.9	999.9	21.3	57.
49.5	104.3	13037.9	175.0	-59.8	99.9	255.7	13.3	12.9	3.3	351.2	999.9	99.9	999.9	23.6	58.
51.9	109.4	14033.3	150.0	-63.4	99.9	262.3	16.7	16.6	2.3	366.0	999.9	99.9	999.9	26.5	61.
55.9	115.5	15127.9	125.0	-63.6	99.9	271.5	17.3	17.3	-0.5	379.8	999.9	99.9	999.9	30.1	64.
61.6	122.7	16489.8	100.0	-64.9	99.9	278.4	14.7	14.5	-2.1	402.4	999.9	99.9	999.9	34.2	67.
67.4	131.0	18237.0	75.0	-67.2	99.9	287.4	5.6	5.4	-1.7	427.9	999.9	99.9	999.9	36.7	71.
76.9	141.0	20714.9	50.0	-61.5	99.9	30.6	4.9	-2.5	-4.2	498.7	999.9	99.9	999.9	36.8	72.
87.5	154.0	25126.5	25.0	-49.6	99.9	66.9	4.7	-4.3	-1.8	642.0	999.9	99.9	999.9	33.5	74.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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STATION NO. 327
NASHVILLE, TENNESSEE

10 MAY 1979
810 GMT

157 10. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PUT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.0	180.0	992.0	19.8	17.0	140.0	1.5	-1.0	1.1	293.6	325.8	12.4	84.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	7.5	339.2	975.0	21.3	18.8	999.9	99.9	99.9	99.9	296.6	333.6	14.2	85.4	999.9	999.
1.4	9.6	555.6	950.0	20.0	18.0	999.9	99.9	99.9	99.9	297.5	333.7	13.8	89.3	999.9	999.
2.2	11.8	786.3	925.0	19.6	17.2	999.9	99.9	99.9	99.9	299.4	335.2	13.5	86.1	1.3	357.
3.1	14.0	1022.2	900.0	17.5	16.2	202.0	11.5	4.3	10.7	299.5	334.0	13.0	91.9	2.0	4.
4.0	16.3	1263.6	875.0	16.5	14.0	208.2	9.4	4.4	8.3	301.0	332.2	11.6	85.1	2.5	9.
5.1	18.6	1510.3	850.0	14.4	12.5	203.7	8.7	3.5	8.0	301.2	330.4	10.8	88.5	3.0	12.
6.1	21.0	1762.5	825.0	13.3	10.3	194.5	7.8	2.0	7.6	302.6	328.8	9.6	81.9	3.5	13.
7.1	23.3	2021.5	800.0	11.8	8.1	192.3	7.8	1.7	7.6	303.8	327.3	8.5	78.0	4.0	13.
8.0	25.5	2287.2	775.0	10.3	7.9	192.2	6.2	1.3	6.0	304.9	329.0	8.7	85.3	4.4	13.
9.1	28.0	2559.4	750.0	8.2	5.3	189.9	6.2	0.7	6.2	305.5	326.6	7.5	81.9	4.7	13.
10.0	30.5	2839.6	725.0	6.3	2.6	192.0	4.9	1.0	4.8	306.4	324.3	6.3	76.1	5.0	13.
11.1	33.0	3127.3	700.0	6.5	-2.4	193.9	5.0	1.2	4.8	309.7	323.1	4.6	52.9	5.3	13.
12.1	35.5	3423.8	675.0	4.8	-8.3	222.2	4.5	3.0	3.3	311.1	320.1	3.0	37.2	5.6	13.
13.4	38.1	3733.3	650.0	4.6	-30.9	267.6	5.3	5.3	0.2	314.1	315.7	0.5	5.7	5.8	16.
14.7	40.8	4056.7	625.0	3.5	-47.9	272.0	7.7	7.7	-0.3	316.4	316.7	0.1	1.0	5.9	21.
15.9	43.4	4391.3	600.0	1.1	-49.2	267.3	8.7	8.7	0.4	317.4	317.7	0.1	1.0	6.1	26.
17.0	46.1	4721.5	575.0	-1.4	-43.2	269.4	10.5	10.5	0.1	318.3	318.9	0.1	2.4	6.5	31.
18.2	48.9	5073.4	550.0	-4.2	-40.9	270.2	12.1	12.1	-0.0	319.1	319.6	0.2	3.8	6.9	37.
19.5	51.8	5437.7	525.0	-7.7	-37.1	266.4	12.7	12.7	0.8	319.2	320.2	0.3	7.4	7.5	43.
21.1	54.8	5816.2	500.0	-11.5	-37.6	264.0	13.0	12.9	1.4	319.1	320.1	0.3	9.3	8.5	48.
22.8	57.9	6205.1	475.0	-14.8	-39.8	261.6	11.1	10.5	3.5	319.6	320.5	0.2	9.7	9.6	52.
24.4	61.0	6611.7	450.0	-17.9	-41.1	230.6	11.8	9.1	7.5	320.8	321.6	0.2	11.0	10.6	53.
26.0	64.3	7037.0	425.0	-20.7	-43.0	216.2	13.7	8.1	11.1	322.4	323.2	0.2	11.5	11.8	52.
27.5	67.3	7491.7	400.0	-25.0	-43.0	211.2	13.6	6.9	11.6	322.6	323.3	0.2	10.7	13.0	50.
29.0	70.7	7947.0	375.0	-28.6	-46.9	222.7	12.3	8.3	9.0	323.8	324.3	0.1	15.2	14.3	49.
31.1	74.1	8434.1	350.0	-31.6	-55.0	241.2	12.5	11.0	6.0	326.1	326.4	0.1	7.8	15.6	49.
33.1	77.9	8957.7	325.0	-35.7	-56.5	257.1	12.5	12.2	2.8	327.5	327.7	0.1	9.7	17.1	51.
35.4	81.7	9510.9	300.0	-39.9	-60.1	265.0	12.1	12.0	1.1	330.5	330.7	0.0	8.5	18.4	53.
37.9	85.7	10103.2	275.0	-43.0	99.9	272.3	12.5	12.5	-0.5	332.9	999.9	99.9	999.9	19.9	56.
40.5	89.8	10734.1	250.0	-47.8	99.9	287.2	12.6	12.0	-3.7	335.0	999.9	99.9	999.9	21.5	60.
43.3	94.3	11402.5	225.0	-52.2	99.9	277.0	11.9	11.8	-1.4	335.5	999.9	99.9	999.9	23.0	64.
46.3	99.0	12153.4	200.0	-55.2	99.9	257.3	12.1	11.8	2.7	345.4	999.9	99.9	999.9	24.8	65.
49.6	104.2	13010.0	175.0	-58.9	99.9	271.7	13.2	13.2	-0.4	352.7	999.9	99.9	999.9	27.3	67.
53.4	109.8	13991.7	150.0	-60.8	99.9	272.9	13.5	13.5	-0.7	365.3	999.9	99.9	999.9	30.1	70.
57.7	116.0	15117.6	125.0	-63.4	99.9	273.8	11.8	11.8	-0.8	380.2	999.9	99.9	999.9	32.8	72.
62.6	123.2	16482.4	100.0	-64.6	99.9	270.8	13.4	13.4	-0.2	403.0	999.9	99.9	999.9	36.5	73.
68.0	131.0	18217.8	75.0	-69.5	99.9	299.8	7.1	6.2	-3.5	427.1	999.9	99.9	999.9	39.4	76.
74.2	141.5	20704.4	50.0	-61.5	99.9	39.6	5.3	-3.4	-4.1	498.5	999.9	99.9	999.9	39.6	78.
80.8	155.0	25117.9	25.0	-50.0	99.9	155.4	0.8	-0.3	0.7	640.9	999.9	99.9	999.9	37.0	82.

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STATION NO. 327
NASHVILLE, TENNESSEE

10 MAY 1979
1100 GMT

197 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	6.7	180.3	994.3	19.1	18.1	130.0	0.0	0.0	0.0	292.8	327.5	13.5	95.0	0.0	0.
99.9	99.9	9.9	1000.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	9.5	338.3	975.0	19.9	18.4	163.6	10.1	-2.9	9.7	295.2	331.1	13.8	91.4	0.2	348.
1.7	13.7	563.3	950.3	19.8	18.6	190.4	11.8	2.1	11.6	297.3	334.9	14.4	92.6	0.9	352.
2.7	13.3	788.7	925.3	19.6	17.7	209.0	11.8	5.7	10.3	299.4	336.4	14.0	89.7	1.6	6.
3.7	15.4	1329.4	900.0	17.8	16.7	223.9	9.8	6.8	7.0	299.9	335.6	13.5	93.2	2.1	15.
4.8	17.9	1271.3	875.0	15.7	14.9	233.4	9.5	7.6	5.7	300.1	332.8	12.2	94.1	2.6	22.
5.7	20.2	1517.4	850.0	14.2	12.5	230.1	9.1	6.9	5.8	301.0	330.1	10.8	89.8	3.1	27.
6.9	22.7	1764.7	825.3	12.4	11.1	225.5	8.9	6.4	6.3	301.7	329.3	10.2	92.1	3.6	31.
7.9	25.2	2227.6	800.0	10.5	9.4	216.2	7.9	4.7	6.4	302.4	329.2	9.4	93.7	4.3	32.
8.1	27.7	2247.7	775.0	9.8	8.6	198.3	6.2	2.0	5.9	304.4	329.4	9.1	91.9	4.8	32.
10.3	30.2	2495.2	750.0	6.1	6.5	184.2	5.7	0.4	5.7	305.4	328.1	8.1	89.3	5.1	33.
11.3	32.8	2988.7	725.0	5.8	4.9	184.6	4.7	0.4	4.7	305.6	326.6	7.5	94.2	5.4	29.
12.5	35.4	3181.5	700.0	4.0	3.2	217.3	4.2	2.6	3.4	306.9	326.6	6.9	94.8	5.7	28.
13.7	38.1	3427.4	675.0	4.3	-44.1	246.9	5.7	5.3	2.2	310.4	311.1	0.2	2.7	6.0	30.
14.8	40.8	3731.7	650.0	4.4	-20.7	262.5	6.2	6.2	0.8	314.0	317.7	1.1	14.0	6.4	33.
16.4	43.5	4221.5	625.0	2.9	-21.8	277.5	9.5	9.4	-1.2	315.8	319.3	1.1	14.1	6.7	37.
17.9	46.4	4383.9	600.3	0.5	-21.9	282.4	13.2	12.8	-2.8	316.7	320.4	1.1	16.8	7.1	44.
19.1	49.3	4720.3	575.0	-2.3	-23.3	276.2	13.4	13.3	-1.4	317.3	320.4	1.0	17.1	7.8	51.
20.6	52.3	5021.3	550.0	-5.1	-26.1	271.2	13.9	13.9	-0.3	318.0	320.8	0.8	17.3	8.7	56.
22.3	55.3	5334.6	525.0	-8.1	-28.3	270.1	15.3	15.2	-2.2	318.7	321.1	0.7	17.8	9.7	61.
23.6	58.4	5611.3	500.3	-11.7	-33.0	272.6	15.3	15.1	-2.5	318.8	321.0	0.6	20.2	10.9	65.
25.1	61.5	6201.1	475.3	-15.6	-32.1	274.8	15.4	15.4	-1.3	318.7	320.6	0.5	22.6	12.1	69.
26.8	64.9	6515.2	450.3	-19.2	-35.1	274.1	14.7	14.6	-1.0	319.1	320.6	0.4	22.8	13.5	72.
28.5	68.1	7321.2	425.0	-22.7	-39.3	273.7	14.2	14.2	-0.2	319.9	321.1	0.3	23.1	14.9	74.
30.1	71.5	7671.5	400.3	-24.3	-41.2	273.7	12.6	12.6	-0.8	323.4	324.3	0.3	19.0	16.1	75.
31.9	75.3	7931.3	375.3	-23.3	-44.2	279.5	11.2	11.1	-1.9	324.5	325.2	0.2	19.3	17.3	77.
33.7	79.3	8431.7	350.3	-31.4	-47.3	285.3	9.9	9.8	-2.3	326.4	327.0	0.2	19.6	18.3	78.
34.7	83.4	8650.2	325.0	-36.9	-49.9	285.8	13.1	11.8	-5.7	328.6	329.1	0.1	19.9	19.4	80.
36.3	87.8	8955.5	300.3	-37.6	-52.1	333.8	13.8	11.5	-7.7	332.3	332.7	0.1	20.1	20.9	84.
40.3	91.2	9312.9	275.3	-42.2	99.9	336.3	15.4	12.4	-9.1	334.1	999.9	99.9	999.9	22.5	87.
43.6	94.5	9750.3	250.0	-47.1	99.9	311.9	16.5	12.3	-11.0	336.0	999.9	99.9	999.9	24.2	90.
47.1	100.4	11933.4	225.3	-51.8	99.9	311.0	13.2	10.0	-8.7	339.2	999.9	99.9	999.9	25.8	94.
47.8	105.4	12147.3	200.0	-55.4	99.9	285.9	12.3	11.9	-3.4	345.0	999.9	99.9	999.9	27.6	96.
50.9	111.3	13033.2	175.0	-57.3	99.9	291.9	9.9	9.2	-3.7	355.3	999.9	99.9	999.9	29.7	97.
54.3	117.3	13334.7	150.0	-60.3	99.9	273.3	10.7	10.6	-0.6	366.1	999.9	99.9	999.9	31.5	97.
58.3	123.7	15129.4	125.0	-63.1	99.9	263.2	12.8	12.7	1.5	380.7	999.9	99.9	999.9	33.9	96.
62.9	131.0	16933.4	100.0	-65.1	99.9	271.4	12.9	12.9	-0.3	402.0	999.9	99.9	999.9	37.8	95.
68.7	139.3	19234.4	75.0	-67.3	99.9	299.0	6.9	6.0	-3.3	431.9	999.9	99.9	999.9	40.9	95.
76.6	148.7	22721.4	50.0	-59.8	99.9	24.2	6.1	-2.5	-5.6	502.7	999.9	99.9	999.9	41.8	97.
88.9	158.3	25144.7	25.0	-50.8	99.9	111.0	3.7	-3.4	1.3	639.1	999.9	99.9	999.9	39.7	102.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS

9 MAY 1975
1105 GMT

150 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	172.0	989.0	20.0	18.5	160.0	3.1	-1.1	2.9	294.1	329.5	13.7	91.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.4	5.4	295.5	975.0	19.9	18.7	163.3	8.6	-2.5	8.2	295.2	331.8	14.1	92.7	0.3	334.
1.4	10.7	520.9	950.0	21.3	16.7	176.5	11.9	-0.7	11.9	298.8	332.5	12.7	75.8	0.9	352.
2.3	13.0	751.9	925.0	19.5	16.2	180.9	11.2	0.2	11.2	299.2	332.8	12.6	81.1	1.5	356.
3.4	15.4	988.2	900.0	18.2	15.7	184.1	9.4	0.7	9.3	300.3	334.0	12.6	85.5	2.2	358.
4.3	17.9	1229.4	875.0	16.4	13.1	177.9	8.7	-0.3	8.7	300.8	333.3	11.0	81.0	2.7	359.
5.4	20.3	1476.9	850.0	17.1	6.7	184.3	8.5	0.6	8.5	334.1	324.5	7.3	50.5	3.2	358.
6.5	22.8	1731.3	825.0	15.3	2.5	202.8	8.9	3.4	8.1	304.8	322.6	5.6	42.0	3.8	1.
7.7	25.4	1991.1	800.0	13.4	-0.7	202.4	7.4	2.8	6.9	335.4	319.6	4.6	37.9	4.3	4.
8.7	24.8	2250.3	775.0	14.4	-31.3	169.7	3.5	-1.2	3.3	309.3	310.5	0.4	2.7	4.7	5.
9.9	30.5	2534.4	750.0	14.1	-35.2	98.9	1.5	-1.5	0.2	311.9	312.9	0.3	2.2	4.7	4.
11.0	33.2	2815.5	725.0	12.2	-42.4	150.2	2.4	-1.2	2.0	312.9	313.3	0.1	1.0	4.8	3.
12.1	35.9	3111.1	700.0	10.3	-43.6	153.5	2.7	-1.2	2.4	313.9	314.3	0.1	1.0	5.0	2.
13.3	38.7	3411.7	675.0	7.9	-45.1	134.4	2.5	-1.8	1.7	314.5	314.8	0.1	1.0	5.1	1.
14.4	41.6	3721.4	650.0	6.2	-46.1	153.9	2.7	-1.2	2.4	316.0	316.3	0.1	1.0	5.2	359.
15.6	44.3	4041.1	625.0	3.8	-47.6	179.2	4.2	-0.1	4.2	316.8	317.1	0.1	1.0	5.4	359.
16.9	47.2	4371.2	600.0	1.7	-48.9	188.2	4.9	0.7	4.9	318.3	318.6	0.1	1.0	5.8	359.
18.2	50.6	4712.0	575.0	-1.0	-50.6	184.1	4.8	0.3	4.8	318.9	319.0	0.1	1.0	6.2	360.
19.5	53.3	5066.9	550.0	-3.6	-52.2	174.3	5.1	-0.5	5.1	319.9	320.1	0.1	1.0	6.6	360.
20.9	56.4	5433.1	525.0	-6.3	-53.9	185.7	4.7	0.5	4.7	320.9	321.0	0.0	1.0	7.0	360.
22.4	59.6	5819.1	500.0	-9.6	-46.7	216.2	4.9	2.9	3.9	321.3	321.7	0.1	3.0	7.4	1.
24.0	63.0	6202.9	475.0	-12.6	-32.8	224.2	6.9	4.8	5.0	322.4	324.2	0.5	17.1	7.8	4.
25.6	66.4	6612.7	450.0	-16.4	-35.8	217.5	9.2	5.6	7.3	322.7	324.1	0.4	17.2	8.4	7.
27.4	69.9	7039.8	425.0	-19.8	-41.0	205.4	11.3	4.9	10.2	323.6	324.4	0.2	13.2	9.5	10.
29.3	73.6	7485.5	400.0	-23.5	-41.0	196.9	10.8	3.1	10.3	324.4	325.4	0.3	19.2	10.5	11.
31.7	77.2	7954.8	375.0	-29.1	-40.4	196.5	11.5	3.3	11.0	324.4	325.5	0.3	23.5	11.6	11.
34.6	81.1	8444.4	350.0	-32.8	-37.5	196.4	12.8	3.6	12.3	324.5	325.8	0.3	30.2	12.9	12.
36.4	85.2	8951.5	325.0	-37.0	-42.6	192.7	13.9	3.1	13.6	325.6	326.6	0.3	55.9	14.4	12.
37.0	84.3	9513.3	300.0	-41.7	99.9	185.6	13.4	1.3	13.3	326.6	999.9	99.9	999.9	15.8	12.
38.3	93.7	10394.6	275.0	-45.3	99.9	210.3	13.9	7.0	12.0	329.7	999.9	99.9	999.9	17.3	12.
40.3	98.4	10729.1	250.0	-46.9	99.9	228.1	14.9	11.1	9.9	336.4	999.9	99.9	999.9	19.1	15.
42.6	103.4	11421.7	225.0	-51.2	99.9	238.5	16.4	13.3	9.5	340.1	999.9	99.9	999.9	20.8	19.
45.1	109.6	12181.7	200.0	-54.2	99.9	232.6	18.5	14.7	11.3	346.9	999.9	99.9	999.9	22.9	22.
47.9	114.3	13010.0	175.0	-57.9	99.9	239.1	20.8	17.8	10.7	354.3	999.9		999.9	25.9	26.
51.0	120.5	13893.4	150.0	-61.1	99.9	241.8	19.8	17.4	9.3	364.8	999.9		999.9	28.9	31.
54.8	127.3	15121.6	125.0	-63.7	99.9	243.2	21.8	18.9	10.8	379.7	999.9		999.9	33.4	36.
58.5	134.7	16486.3	100.0	-66.7	99.9	247.4	17.7	16.3	6.8	402.7	999.9		999.9	38.7	39.
65.0	143.0	18233.7	75.0	-67.7	99.9	222.6	10.5	7.1	7.7	430.9	999.9	99.9	999.9	42.8	41.
72.5	152.3	20767.0	50.0	-58.4	99.9	157.0	3.8	-1.5	3.5	505.9	999.9	99.9	999.9	45.5	41.
84.6	162.9	25205.9	25.0	-67.7	99.9	12.4	7.4	-1.6	-7.2	647.5	999.9	99.9	999.9	43.8	40.

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STATION NO. 340
LITTLE ROCK, ARKANSAS

9 MAY 1979
1405 GMT

161 14. 0

TIME MIN	GNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.9	172.3	983.2	21.1	14.4	190.0	4.1	0.7	4.0	297.3	333.0	13.6	74.3	0.3	0.
99.9	99.9	99.9	10000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	4.1	33.1	979.3	21.6	13.3	157.6	7.7	-2.9	7.1	296.9	331.2	13.6	85.6	0.1	357.
1.1	11.3	53.5	9 3.3	23.3	18.7	178.0	9.1	-1.0	9.1	297.5	335.3	14.4	93.0	0.4	347.
1.3	13.9	78.3	975.3	19.6	15.9	191.5	10.0	0.3	10.0	299.3	332.1	12.3	77.0	0.9	357.
2.0	15.2	99.3	973.3	17.8	14.7	173.3	9.3	-1.1	9.3	299.9	331.8	12.0	83.1	1.6	359.
3.0	17.8	126.3	970.3	17.3	5.3	171.8	10.2	-1.5	10.1	301.4	323.1	8.8	49.0	2.0	355.
4.7	21.1	169.3	9 3.3	17.9	3.3	187.1	10.9	1.3	10.8	304.3	321.2	5.7	37.7	2.6	356.
5.0	23.5	1762.3	925.0	15.3	3.2	187.9	10.3	1.2	9.8	304.7	322.1	6.2	45.7	3.1	359.
6.7	25.1	2032.0	903.0	12.9	3.5	196.2	9.8	2.7	9.4	304.9	322.6	6.2	52.8	3.7	3.
7.7	27.7	2254.2	885.3	12.0	-7.1	195.4	5.0	1.3	4.8	306.7	315.5	2.9	25.0	4.2	4.
8.7	31.3	2546.4	860.3	12.5	-14.1	157.5	1.6	-0.6	1.5	310.2	314.1	1.2	9.9	4.3	4.
9.8	33.9	2827.7	835.3	11.5	-23.3	115.5	1.2	-1.1	0.5	312.1	315.4	1.0	8.9	4.4	3.
1.9	36.5	3113.8	810.3	10.1	-22.7	122.5	2.0	-1.5	1.3	313.7	316.6	0.9	9.0	4.4	3.
12.0	39.3	3413.5	785.3	9.1	-24.5	143.3	3.8	-2.3	3.1	314.8	317.3	0.8	7.7	4.5	4.
13.1	41.9	3726.7	760.3	7.5	-27.1	166.4	4.4	-0.8	4.3	316.5	318.9	0.7	7.3	4.5	358.
14.3	44.7	4054.5	735.3	3.8	-27.7	149.8	4.9	1.6	4.6	316.5	318.9	0.6	7.6	5.1	360.
15.5	47.4	4397.7	710.3	1.9	-29.3	233.3	6.6	2.8	6.0	316.3	320.3	0.6	7.9	5.5	2.
17.4	50.4	4761.1	685.3	-0.9	-30.7	238.2	6.9	3.3	6.1	318.1	320.8	0.5	8.2	6.0	4.
18.3	53.8	5173.5	658.3	-3.7	-32.6	212.4	6.2	3.3	5.2	318.7	321.3	0.4	8.5	6.5	6.
19.6	57.2	5611.1	630.3	-6.7	-36.3	212.6	6.4	3.4	5.4	320.4	321.8	0.4	8.9	6.9	9.
21.1	60.1	5987.8	607.3	-8.9	-38.5	212.7	8.3	4.5	7.0	321.3	323.5	0.3	23.0	7.5	10.
22.5	63.4	6411.2	579.0	-11.3	-40.4	211.1	8.4	4.3	7.2	321.5	323.7	0.3	22.1	9.2	12.
24.2	66.7	6851.8	550.3	-13.3	-42.1	195.0	8.6	2.2	8.3	321.5	323.5	0.3	26.0	9.0	13.
25.7	70.1	7307.1	520.3	-15.3	-43.5	193.5	8.3	1.7	8.2	322.4	324.1	0.3	26.4	9.8	13.
27.4	73.8	7804.2	490.3	-20.9	-43.2	196.4	11.3	3.2	10.9	322.9	323.5	0.2	14.1	10.8	13.
29.3	77.5	8325.5	460.3	-28.1	-46.4	193.5	15.7	3.7	15.3	326.5	326.5	0.2	15.4	12.1	13.
31.2	81.6	8883.7	430.3	-37.3	-48.2	195.9	16.6	4.8	15.9	329.6	329.1	0.1	15.2	13.8	13.
33.5	85.3	9484.5	400.3	-35.3	-51.8	214.2	16.3	7.8	11.5	326.7	327.0	0.1	19.1	15.3	14.
36.3	89.5	10130.2	370.3	-39.3	-56.3	237.6	15.3	12.6	8.0	330.5	330.8	0.1	18.4	16.8	17.
39.6	94.0	10811.8	340.3	-43.3	99.9	246.5	13.8	12.6	5.5	332.0	999.9	99.9	999.9	19.0	22.
43.5	98.6	11542.1	310.3	-47.3	99.9	246.6	13.3	12.2	5.5	334.9	999.9	99.9	999.9	19.7	25.
47.9	103.4	12335.5	279.0	-51.5	99.9	249.9	15.3	14.3	5..	338.5	999.9	99.9	999.9	20.8	29.
47.6	108.9	13214.4	250.0	-54.4	99.9	238.4	18.5	15.0	10.8	346.7	999.9	9 .9	999.9	22.9	32.
49.3	114.5	14243.2	225.0	-57.6	99.9	235.4	1 .2	15.5	10.7	356.9	999.9	99.9	999.9	26.0	35.
50.8	120.4	15313.9	200.0	-59.4	99.9	243.8	20.4	17.8	10.0	367.8	999.9	99.9	999.9	29.4	38.
52.8	127.5	16485.9	175.0	-63.1	99.9	236.9	21.0	17.6	11.5	380.8	999.9	99.9	999.9	33.4	41.
57.0	135.3	16513.2	150.0	-68.6	99.9	242.1	17.8	15.8	8.4	402.5	999.9	99.9	999.9	38.4	43.
62.9	143.7	19243.7	75.0	-65.9	99.9	224.5	11.3	7.9	8.1	435.0	999.9	99.9	999.9	42.8	45.
69.2	153.3	22783.4	50.0	-57.8	99.9	124.3	5.5	-4.6	3.1	537.2	999.9	99.9	999.9	44.5	43.
80.5	162.7	25256.4	25.0	-68.8	99.9	24.0	4.5	-3.7	2.5	644.9	999.9	99.9	999.9	43.2	41.

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STATION NO. 340
LITTLE ROCK, ARKANSAS

9 MAY 1979
1705 GMT

161 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	7.7	172.3	990.7	26.9	18.5	190.6	2.8	0.5	2.6	300.9	337.3	13.7	60.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	9.3	312.9	975.0	24.6	17.4	184.0	5.3	0.4	5.2	299.9	334.4	13.0	66.2	3.2	355.
1.2	11.5	540.1	950.0	21.9	16.1	178.4	5.4	-0.1	5.4	299.4	332.1	12.3	69.8	0.4	360.
1.9	13.9	771.3	925.0	19.5	15.5	165.9	5.9	-1.4	5.7	299.3	331.5	12.1	77.7	0.6	356.
2.7	16.4	1007.3	900.0	17.4	14.0	167.8	6.6	-1.4	6.5	299.4	329.5	11.3	80.7	0.9	352.
3.6	19.3	1247.5	875.0	15.3	12.5	171.9	7.3	-1.0	7.3	299.7	327.9	10.5	83.4	1.3	352.
4.5	21.3	1493.4	850.0	14.5	10.3	174.8	8.0	-0.7	7.9	301.3	326.6	9.3	76.0	1.7	352.
5.4	23.8	1745.7	825.0	14.3	2.2	179.8	8.7	-0.0	8.7	303.7	317.3	5.5	44.6	2.1	353.
6.4	25.3	2005.1	800.0	13.0	1.4	183.1	9.4	0.5	9.4	305.0	320.1	5.3	45.1	2.7	355.
7.5	28.7	2271.3	775.0	11.8	-6.4	183.9	5.5	1.3	5.3	306.5	315.6	3.1	27.5	3.2	357.
8.7	31.6	2545.4	750.0	12.7	-22.0	185.1	2.9	0.3	2.9	310.3	313.2	0.9	7.2	3.5	358.
9.8	34.2	2829.1	725.0	11.6	-23.3	171.1	1.7	-0.3	1.7	312.2	314.9	0.8	6.8	3.6	358.
11.1	37.3	3121.1	700.0	10.0	-24.3	145.1	2.4	0.2	2.4	313.5	316.0	0.8	7.0	3.7	358.
12.4	39.8	3422.1	675.0	8.3	-27.0	202.6	4.5	1.7	4.1	314.9	317.0	0.6	6.1	4.0	359.
13.7	42.5	3732.2	650.0	6.3	-26.7	219.6	6.6	4.2	5.0	316.1	318.3	0.7	7.2	4.4	2.
15.3	45.4	4052.5	625.0	4.8	-26.4	248.8	7.7	7.2	2.8	318.3	320.4	0.7	8.2	4.7	7.
16.3	48.3	4383.6	600.0	2.2	-28.0	266.3	8.9	8.9	0.6	319.7	320.8	0.6	8.5	4.9	15.
17.7	51.3	4724.9	575.0	-0.9	-28.9	266.0	9.6	9.6	0.7	318.9	321.0	0.6	9.8	5.2	23.
19.2	54.4	5077.3	550.0	-4.4	-29.8	270.3	11.0	11.0	-0.1	318.9	320.9	0.6	11.6	5.7	31.
20.6	57.5	5441.6	525.0	-7.4	-31.4	261.6	11.7	11.5	1.7	319.5	321.4	0.6	13.3	6.3	39.
22.1	60.8	5819.0	500.0	-10.7	-22.7	242.8	13.1	12.5	3.9	319.5	322.0	0.6	19.0	7.1	44.
23.5	64.0	6210.4	475.0	-14.4	-32.2	252.7	14.6	13.9	4.3	320.2	322.1	0.5	20.1	8.2	48.
25.0	67.4	6617.6	450.0	-18.0	-33.7	253.2	14.3	13.7	4.1	320.6	322.3	0.5	23.6	9.4	51.
26.6	71.0	7041.6	425.0	-21.6	-35.5	243.7	12.0	10.7	5.3	321.3	322.5	0.3	19.9	10.6	54.
28.1	74.6	7485.2	400.0	-25.3	-42.8	223.6	13.5	9.3	9.8	322.1	322.9	0.2	17.6	11.7	56.
29.7	78.3	7952.1	375.0	-26.9	-47.6	225.3	14.0	9.9	9.8	326.0	326.5	0.1	12.0	13.0	57.
31.5	82.3	8446.1	350.0	-30.3	-50.4	238.5	12.2	10.4	6.4	327.9	328.3	0.1	11.8	14.4	58.
33.3	86.3	8970.3	325.0	-33.6	-52.9	249.2	9.7	9.1	3.4	330.3	330.7	0.1	12.3	15.6	59.
35.3	90.5	9526.2	300.0	-38.3	-56.1	251.3	9.2	8.7	2.9	331.4	331.8	0.1	13.3	16.6	59.
37.2	94.8	10117.6	275.0	-43.4	99.9	249.1	10.7	10.0	3.8	332.3	999.9	99.9	999.9	17.7	59.
39.3	99.6	10752.3	250.0	-48.2	99.9	247.1	13.5	12.5	5.3	334.4	999.9	99.9	999.9	19.2	59.
41.4	104.6	11434.6	225.0	-52.8	99.9	244.3	16.2	12.8	6.1	337.7	999.9	99.9	999.9	20.9	57.
44.0	110.0	12195.2	200.0	-54.4	99.9	239.5	20.0	17.2	10.1	346.7	999.9	99.9	999.9	23.4	57.
46.5	115.9	13043.3	175.0	-57.6	99.9	239.6	19.2	16.5	9.7	354.9	999.9	99.9	999.9	26.5	58.
49.3	122.3	14010.5	150.0	-60.1	99.9	242.5	19.1	16.9	8.8	366.5	999.9	99.9	999.9	29.7	59.
52.6	129.0	15134.4	125.0	-62.7	99.9	235.8	21.4	17.7	12.1	378.5	999.9	99.9	999.9	33.2	58.
55.9	136.7	16511.5	100.0	-64.3	99.9	243.4	18.4	16.4	8.2	03.6	999.9	99.9	999.9	37.6	59.
60.3	145.0	18264.2	75.0	-63.2	99.9	225.1	9.8	7.0	6.9	460.3	999.9	99.9	999.9	41.4	59.
67.1	154.5	20781.9	50.0	-57.7	99.9	148.3	6.5	-3.4	5.5	507.6	999.9	99.9	999.9	42.6	56.
78.7	164.0	25249.4	25.0	-47.6	99.9	50.6	5.4	-4.2	-3.4	647.8	999.9	99.9	999.9	41.1	56.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS

9 MAY 1979
2005 GMT

160 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.8	172.0	984.8	28.5	13.6	173.0	4.1	-0.7	4.0	302.5	339.5	13.8	55.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.5	-0.2	335.5	975.0	26.2	17.7	999.9	99.9	99.9	99.9	301.5	337.0	13.3	59.7	999.9	999.
1.5	1.5	533.4	953.0	23.6	16.6	999.9	99.9	99.9	99.9	301.2	335.0	12.6	64.5	999.9	999.
2.2	12.9	766.6	929.0	21.2	15.7	999.9	99.9	99.9	99.9	301.0	333.9	12.3	71.1	999.9	999.
3.3	15.2	1003.5	903.0	18.9	15.7	153.3	4.5	-1.7	4.2	301.0	334.8	12.6	81.8	0.9	326.
3.7	17.5	1245.5	875.0	16.9	15.1	173.5	4.3	-0.7	4.3	301.3	336.6	12.4	89.1	1.1	328.
4.5	20.0	1492.6	847.0	15.0	13.7	198.4	4.7	1.5	4.5	301.8	338.5	11.3	89.3	1.2	336.
5.5	22.5	1745.7	819.0	13.2	11.4	195.6	5.5	1.5	5.3	302.6	339.8	10.4	88.9	1.5	344.
6.6	25.0	2004.5	791.0	11.9	9.7	193.8	6.0	1.4	5.8	303.8	329.9	9.5	86.4	1.8	349.
7.5	27.5	2273.4	765.0	10.4	6.2	184.6	6.1	0.9	6.0	305.0	326.7	7.8	75.8	2.2	356.
8.7	30.1	2544.2	753.0	12.3	-6.7	166.1	5.4	-1.3	5.3	309.6	321.0	3.9	33.2	2.5	354.
9.9	32.7	2820.1	725.0	12.3	-22.9	163.2	5.7	-1.1	5.6	313.0	315.7	0.8	5.7	2.9	353.
11.2	35.3	3102.3	700.0	10.4	-23.8	196.8	5.6	1.8	5.3	314.4	317.0	0.8	6.9	3.3	356.
12.5	38.1	3392.9	675.0	9.1	-24.7	223.2	6.2	4.0	4.7	315.4	318.4	0.8	7.1	3.7	358.
13.9	40.9	3690.3	650.0	8.3	-24.8	239.5	7.7	6.7	3.9	316.3	321.1	0.8	7.7	4.1	0.
15.1	43.7	3996.2	625.0	5.4	-22.1	247.5	9.4	7.8	3.2	318.7	322.1	1.0	11.7	4.6	12.
16.4	46.5	4310.7	600.0	2.3	-22.6	247.1	9.1	8.4	3.5	318.8	322.3	1.1	14.1	4.8	18.
17.8	49.4	4633.7	575.0	-3.9	-22.9	245.5	8.9	8.1	3.7	319.0	322.4	1.0	16.8	5.3	24.
19.2	52.4	5181.4	553.0	-8.2	-25.6	242.8	9.3	8.2	4.2	319.2	322.1	0.9	17.0	5.9	29.
20.7	55.4	5288.2	527.0	-17.5	-27.1	237.6	12.4	10.3	6.5	319.4	322.1	0.8	18.9	6.7	33.
22.1	58.9	5624.4	503.0	-13.5	-31.1	233.5	13.8	11.1	8.2	320.3	322.2	0.6	16.3	7.8	36.
23.8	62.1	6274.5	479.0	-13.6	-36.5	235.9	14.8	12.2	9.3	321.2	322.7	0.4	15.1	9.2	39.
25.3	65.6	6632.3	455.3	-17.2	-33.9	236.9	15.6	13.0	8.5	321.6	323.2	0.5	21.8	10.7	42.
27.1	69.3	7003.3	431.3	-21.7	-36.2	231.2	14.6	11.4	9.1	321.8	323.2	0.4	24.2	12.1	43.
28.9	72.7	7385.5	407.9	-22.8	-44.2	235.3	12.7	10.5	7.3	325.4	326.1	0.2	12.1	13.5	44.
30.9	76.3	7778.7	383.9	-24.6	-47.5	263.5	10.1	10.0	1.7	329.0	329.5	0.1	9.9	14.8	46.
32.8	80.2	8185.5	359.9	-29.7	-49.6	278.8	9.0	8.9	-1.4	330.1	330.5	0.1	12.6	15.3	48.
34.8	84.2	8611.4	335.9	-33.2	-48.7	279.0	8.0	7.9	-1.3	330.9	331.4	0.1	17.2	16.0	51.
36.8	88.3	9058.5	311.9	-33.3	-52.1	277.1	7.2	7.2	-1.1	331.9	332.3	0.1	20.8	16.6	54.
38.9	92.4	9529.4	287.9	-43.2	99.9	283.5	8.5	8.2	-2.0	332.6	999.9	99.9	999.9	17.2	56.
40.7	97.5	10029.6	263.9	-48.3	99.9	272.9	10.6	10.6	-0.5	334.3	999.9	99.9	999.9	18.2	59.
42.3	103.4	10566.3	239.9	-52.2	99.9	258.2	11.2	10.9	2.3	338.5	999.9	99.9	999.9	19.4	61.
45.4	107.9	11218.4	215.9	-55.4	99.9	252.1	15.2	14.4	4.6	344.2	999.9	99.9	999.9	21.3	62.
48.2	113.4	11944.2	195.0	-57.2	99.9	244.2	18.3	18.5	8.0	355.6	999.9	99.9	999.9	24.2	62.
51.3	119.7	12736.1	175.0	-59.2	99.9	245.7	17.1	15.6	7.0	366.4	999.9	99.9	999.9	27.5	63.
54.9	126.5	13594.7	155.0	-62.5	99.9	236.5	22.8	18.6	13.2	381.8	999.9	99.9	999.9	31.4	62.
59.1	134.3	14537.2	135.0	-63.1	99.9	243.0	20.1	17.9	9.1	405.8	999.9	99.9	999.9	37.3	62.
64.6	142.7	15795.2	115.0	-64.9	99.9	239.7	10.1	8.6	5.2	436.9	999.9	99.9	999.9	42.4	62.
72.3	152.0	17432.5	95.0	-63.7	99.9	173.8	5.3	-0.6	5.3	500.5	999.9	99.9	999.9	43.7	60.
83.9	161.7	19298.1	75.0	-67.7	99.9	162.2	2.2	-0.7	2.1	668.0	999.9	99.9	999.9	42.2	60.

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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS

9 MAY 1979
2305 GMT

153 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.5	172.0	988.3	28.7	17.6	150.0	3.6	-1.8	3.1	302.9	337.7	12.9	51.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	8.6	292.5	975.0	27.7	18.1	145.0	6.1	-3.5	5.0	303.1	339.6	13.6	55.8	0.2	334.
1.1	11.0	522.5	950.0	26.9	16.4	142.3	6.6	-4.0	5.2	302.4	336.0	12.4	59.2	0.5	329.
1.8	13.3	755.9	925.0	22.1	15.0	139.7	6.2	-4.0	4.7	301.9	333.5	11.7	64.2	0.7	326.
2.7	15.7	993.6	900.0	19.7	14.5	142.0	6.2	-3.8	4.9	301.8	333.2	11.7	72.3	1.0	324.
3.5	18.1	1236.0	875.0	17.4	14.7	151.2	7.1	-3.4	6.2	301.9	334.6	12.2	84.4	1.4	324.
4.4	20.5	1483.5	850.0	15.8	11.5	167.5	7.2	-1.6	7.1	302.7	330.2	10.1	75.3	1.8	328.
5.4	22.9	1737.2	825.0	14.3	9.1	182.0	7.0	0.2	7.0	303.8	328.2	8.9	71.0	2.1	332.
6.4	25.4	1996.8	800.0	12.8	4.6	193.4	8.8	2.0	8.6	304.8	323.6	6.7	57.4	2.5	339.
7.4	27.9	2263.0	775.0	11.7	-1.1	198.4	9.9	3.1	9.4	306.4	319.6	4.6	41.2	3.1	347.
8.4	30.5	2537.5	750.0	13.1	-15.6	201.3	7.3	2.6	6.8	310.8	316.7	1.9	15.9	3.6	352.
9.8	33.1	2822.1	725.0	13.2	-24.7	212.0	6.3	3.3	5.3	314.0	316.3	0.7	5.5	4.0	356.
11.1	35.7	3115.6	700.0	11.4	-19.3	226.7	6.9	5.0	4.7	315.2	319.0	1.2	9.8	4.3	360.
12.3	38.4	3419.4	675.0	9.8	-20.1	242.4	7.5	6.6	3.5	316.6	320.4	1.1	10.2	4.7	5.
13.7	41.1	3733.2	650.0	7.8	-17.3	258.3	8.3	7.0	4.3	317.8	322.7	1.5	14.8	5.0	11.
15.2	43.9	4057.7	625.0	5.2	-18.5	273.4	9.6	7.7	5.7	318.5	323.1	1.4	16.1	5.7	17.
16.7	46.8	4382.9	600.0	2.0	-22.9	283.4	10.4	8.3	6.2	318.5	321.9	1.0	13.8	6.4	22.
18.0	49.7	4724.4	575.0	-1.0	-25.2	289.7	10.8	9.3	5.4	318.9	321.7	0.9	13.8	7.1	26.
19.4	52.6	5077.1	550.0	-3.8	-28.8	290.4	10.6	10.0	3.6	319.6	321.7	0.6	12.2	7.8	30.
20.9	55.4	5442.0	525.0	-6.9	-30.7	290.6	11.6	11.0	3.9	320.2	322.1	0.6	12.8	8.5	34.
22.2	58.3	5820.1	500.0	-10.3	-33.5	290.0	11.8	10.7	5.0	320.6	322.1	0.4	12.8	9.4	37.
23.8	62.0	6212.9	475.0	-13.5	-31.4	292.1	14.5	12.8	6.8	321.3	323.3	0.6	20.2	10.5	40.
25.5	65.3	6621.2	450.0	-17.6	-32.5	288.6	16.4	14.0	8.5	321.1	323.0	0.5	25.9	12.0	43.
27.1	69.6	7045.4	425.0	-21.5	-36.7	287.2	13.4	11.3	7.3	321.5	323.1	0.5	29.0	13.5	44.
28.9	72.1	7492.2	400.0	-21.3	-45.7	283.1	8.4	8.0	2.4	327.3	327.9	0.2	8.3	14.6	46.
30.7	75.7	7965.9	375.0	-24.4	-46.3	279.7	7.1	7.0	-1.1	329.3	329.9	0.2	11.0	15.1	48.
32.5	79.4	8464.3	350.0	-28.4	-48.2	286.8	6.5	6.3	-1.7	330.2	330.7	0.1	11.1	15.4	50.
34.7	83.3	8990.1	325.0	-33.3	-50.9	295.5	5.0	4.5	-2.2	330.8	331.2	0.1	15.0	16.0	52.
36.7	87.3	9546.4	300.0	-39.2	-53.1	277.9	4.8	4.7	-0.7	331.6	331.9	0.1	16.8	16.2	54.
38.8	91.6	10138.3	275.0	-43.3	99.9	273.8	6.4	6.3	-1.1	332.6	999.9	99.9	999.9	16.8	55.
41.1	96.0	10773.0	253.0	-48.0	99.9	287.8	8.2	7.8	-2.5	334.7	999.9	99.9	999.9	17.5	58.
43.7	100.8	11460.9	225.0	-52.1	99.9	271.7	10.0	10.0	-0.3	338.6	999.9	99.9	999.9	18.3	61.
46.3	105.9	12216.3	200.0	-55.9	99.9	260.6	14.7	14.5	2.4	344.2	999.9	99.9	999.9	20.2	63.
49.2	111.2	13061.4	175.0	-58.4	99.9	250.3	17.1	16.1	5.8	353.5	999.9	99.9	999.9	22.9	65.
52.5	117.0	14025.9	150.0	-59.1	99.9	239.9	18.9	16.3	9.5	369.3	999.9	99.9	999.9	26.4	65.
56.2	123.3	15163.1	125.0	-61.3	99.9	239.7	24.2	20.9	12.2	384.0	999.9	99.9	999.9	31.3	63.
60.7	130.3	16532.1	100.0	-65.1	99.9	239.2	19.3	16.6	9.9	401.9	999.9	99.9	999.9	37.5	63.
66.3	137.8	18286.1	75.0	-63.9	99.9	222.7	9.0	6.1	6.6	439.0	999.9	99.9	999.9	41.9	62.
73.9	146.0	20782.1	50.0	-60.0	99.9	270.6	4.4	4.4	-0.0	502.2	999.9	99.9	999.9	43.1	60.
86.2	154.7	25259.6	25.0	-48.2	99.9	999.9	99.9	99.9	99.9	646.3	999.9	99.9	999.9	40.6	61.

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STATION NO. 340
LITTLE ROCK, ARKANSAS

10 MAY 1979
205 GMT

162 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.5	172.3	988.7	28.9	17.9	180.0	6.2	-6.0	1.7	299.0	333.9	13.2	63.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	7.7	244.3	975.0	26.5	19.2	135.8	11.2	-7.8	8.0	299.8	338.3	14.6	72.4	0.3	320.
1.3	13.1	522.8	950.0	23.2	18.3	143.8	12.6	-7.4	10.2	300.7	337.6	13.9	72.7	0.9	319.
2.3	12.5	755.5	925.0	21.2	17.9	151.5	13.4	-6.4	11.8	301.0	336.7	13.4	77.0	1.6	323.
3.1	14.9	982.9	900.0	19.3	16.4	154.0	12.4	-5.4	11.1	301.4	336.7	13.2	83.4	2.4	327.
4.3	17.3	1235.1	875.0	17.1	15.1	157.5	10.3	-3.9	9.5	301.6	335.0	12.5	87.9	3.1	329.
5.1	13.9	1482.4	850.0	15.9	11.9	162.7	9.6	-2.9	9.2	302.8	333.9	10.3	76.7	3.7	330.
6.1	22.3	1736.6	825.0	16.3	7.4	178.9	9.5	-0.2	9.6	305.8	323.5	5.1	36.5	4.2	333.
7.3	24.9	1997.5	800.0	15.0	-3.2	193.2	10.2	1.8	10.1	307.1	319.2	3.8	24.4	4.8	337.
8.5	27.6	2265.7	775.0	14.7	-19.5	193.6	9.5	1.8	9.4	309.6	313.7	1.3	9.9	5.3	341.
9.5	33.1	2542.8	750.0	15.3	-27.5	236.1	8.6	3.8	7.7	313.2	316.9	0.5	3.7	5.6	344.
10.5	32.9	2829.3	725.0	14.2	-26.7	226.1	8.5	6.1	5.9	315.1	317.1	0.6	4.2	6.1	348.
11.5	34.8	3123.9	700.0	13.0	-23.3	236.4	8.0	6.6	4.8	316.9	319.7	0.8	5.2	6.3	352.
12.4	37.2	3427.4	675.0	10.5	-16.4	238.1	6.7	5.5	4.0	317.4	322.5	1.6	13.4	6.6	356.
13.3	41.1	3737.7	650.0	7.7	-17.5	239.9	7.2	5.6	4.5	317.6	322.5	1.5	14.8	6.8	360.
14.3	44.0	4061.1	625.0	5.3	-23.3	230.5	8.9	6.8	5.6	318.5	321.7	0.9	13.5	7.3	3.
15.3	45.9	4393.3	600.0	3.0	-27.2	231.2	9.3	7.1	6.2	319.6	321.9	0.7	9.6	7.7	7.
16.3	47.3	4735.3	575.0	-0.1	-28.5	238.1	10.3	8.7	5.4	319.9	322.1	0.6	9.5	8.3	11.
17.3	51.3	5088.3	550.0	-3.3	-29.5	241.2	11.3	9.9	5.5	320.2	322.2	0.6	11.0	8.9	15.
18.6	56.1	5454.5	525.0	-6.5	-33.9	244.3	11.7	10.7	5.1	320.6	322.5	0.6	12.4	9.6	20.
20.2	59.4	5833.3	500.0	-10.2	-32.2	245.7	13.7	12.5	5.6	320.6	322.4	0.5	14.5	10.5	25.
21.4	62.7	6225.4	475.0	-13.8	-32.2	242.6	17.2	15.3	7.9	320.8	322.7	0.5	19.5	11.7	29.
22.5	65.1	6632.3	450.0	-17.9	-32.1	241.0	17.7	15.5	8.6	320.8	322.7	0.6	27.5	13.3	33.
23.2	66.7	7059.6	425.0	-19.3	-44.6	249.7	12.0	11.3	4.2	324.3	324.9	0.2	5.5	14.7	37.
24.3	73.3	7508.2	400.0	-20.3	-46.1	262.0	5.5	5.5	0.8	328.6	329.2	0.1	7.8	15.4	39.
25.4	77.3	7981.3	375.0	-24.0	-47.5	282.2	4.8	4.7	-1.0	329.8	330.3	0.1	9.3	15.7	40.
26.7	81.3	8482.4	350.3	-28.5	-49.3	293.4	3.9	3.8	-0.9	330.3	330.8	0.1	11.4	15.9	42.
28.4	79.3	9015.4	325.0	-31.0	-51.9	282.6	1.9	1.9	0.0	331.2	331.6	0.1	11.0	16.1	43.
29.4	84.3	9581.2	300.3	-31.1	-54.8	252.3	3.3	3.1	1.0	331.7	331.9	0.1	15.2	16.3	43.
30.7	93.4	10179.4	275.0	-42.7	99.9	248.8	5.6	5.4	-1.4	333.4	999.9	99.9	999.9	16.8	45.
31.3	94.5	10797.4	253.3	-47.0	99.9	323.4	5.8	3.7	-4.5	336.2	999.9	99.9	999.9	16.9	47.
31.9	103.6	11443.0	225.3	-51.5	99.9	248.5	7.2	6.3	-3.4	339.6	999.9	99.9	999.9	16.9	50.
32.4	108.9	12244.1	200.0	-56.2	99.9	267.8	10.9	10.9	0.6	343.7	999.9	99.9	999.9	17.9	53.
33.4	114.6	13084.4	175.3	-59.6	99.9	258.9	15.6	15.1	3.0	351.5	999.9	99.9	999.9	20.0	57.
52.4	121.3	14047.9	150.3	-58.2	99.9	249.2	20.3	19.0	7.2	366.4	999.9	99.9	999.9	23.6	60.
56.6	127.8	15193.3	125.0	-61.6	99.9	248.4	21.7	20.2	8.0	383.4	999.9	99.9	999.9	28.3	61.
61.6	135.3	16553.5	100.0	-65.1	99.9	239.9	21.3	18.4	10.7	402.0	999.9	99.9	999.9	33.7	62.
65.8	143.7	18339.3	75.0	-67.0	99.9	217.1	15.7	9.5	12.5	432.5	999.9	99.9	999.9	39.8	60.
72.9	153.0	21766.4	50.0	-61.8	99.9	171.5	6.0	-0.9	6.0	497.9	999.9	99.9	999.9	42.5	57.
93.3	162.0	25123.9	25.0	-55.9	99.9	999.9	99.9	99.9	99.9	626.0	999.9	99.9	999.9	42.0	56.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 340
LITTLE ROCK, ARKANSAS

10 MAY 1979
505 GMT

159 19. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.9	172.0	990.0	22.2	19.2	170.0	2.1	-0.4	2.1	296.2	333.5	14.3	83.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	4.2	305.2	975.0	22.1	18.0	999.9	99.9	99.9	99.9	297.5	333.0	13.5	77.8	999.9	999.
1.5	10.5	531.7	950.0	21.7	17.1	999.9	99.9	99.9	99.9	299.3	333.8	13.0	74.7	999.9	999.
2.5	12.8	763.1	925.0	20.5	11.9	169.6	12.5	-2.5	12.3	300.3	326.1	9.3	57.7	1.6	350.
3.5	15.1	999.5	900.0	19.1	9.9	165.9	13.1	-3.2	12.7	301.2	326.5	8.5	55.2	2.4	349.
4.6	17.5	1241.1	875.0	17.0	8.2	159.1	12.0	-4.3	11.3	301.5	323.0	7.8	55.0	3.2	347.
5.7	20.0	1487.7	850.0	15.4	6.5	162.0	11.3	-3.5	10.8	302.3	322.1	7.2	55.0	3.9	345.
6.8	22.4	1741.2	825.0	15.4	-0.6	176.1	10.7	-0.7	10.7	304.8	317.7	4.5	33.6	4.7	346.
7.9	24.9	2001.7	800.0	15.8	-13.2	190.4	9.4	1.7	9.3	308.0	313.3	1.8	12.6	5.3	348.
9.0	27.4	2270.4	775.0	15.4	-23.7	195.7	8.7	2.3	8.4	310.4	312.7	0.7	5.1	5.9	351.
10.2	30.0	2547.4	750.0	15.4	-30.0	207.0	6.9	3.1	6.2	313.3	314.8	0.4	2.9	6.3	353.
11.5	32.7	2833.7	725.0	14.3	-26.9	204.8	6.8	2.8	6.1	315.2	317.2	0.6	4.6	6.6	356.
12.8	35.3	3128.1	700.0	12.0	-17.9	195.2	6.5	1.7	6.3	315.8	320.4	1.4	11.5	7.2	357.
14.3	38.1	3431.7	675.0	9.4	-21.4	214.8	6.6	3.7	5.4	316.2	319.6	1.0	9.4	7.7	359.
15.4	41.0	3741.8	650.0	6.5	-15.3	237.6	7.2	6.1	3.9	316.4	322.0	1.8	19.1	8.0	2.
16.7	43.8	4062.2	625.0	4.3	-27.1	237.6	9.6	8.1	5.1	317.3	320.8	1.1	12.7	8.4	6.
18.2	46.6	4392.9	600.0	1.9	-27.2	233.8	10.6	8.6	6.3	318.3	320.6	0.7	9.3	8.9	10.
19.7	49.6	4733.9	575.0	-1.1	-29.1	231.4	11.8	9.3	7.4	318.7	320.7	0.6	9.7	9.7	14.
21.4	52.7	5086.1	550.0	-4.4	-31.3	235.3	13.4	11.0	7.6	318.8	320.6	0.5	10.1	10.8	17.
23.3	55.9	5449.9	525.0	-7.9	-32.5	241.6	13.5	11.6	6.6	319.0	320.6	0.5	11.5	11.4	21.
25.4	59.3	5826.5	500.0	-11.5	-33.5	243.4	13.8	12.6	6.2	319.0	320.6	0.4	14.1	12.3	25.
25.4	62.4	6216.9	475.0	-15.6	-33.6	243.6	14.4	12.9	6.6	318.7	320.3	0.5	13.5	13.4	28.
27.1	65.7	6621.5	450.0	-19.7	-34.0	244.7	12.2	11.1	5.2	318.5	320.1	0.5	16.7	14.6	32.
29.0	69.3	7040.4	425.0	-17.4	-46.4	236.7	5.9	5.0	3.2	326.7	327.2	0.1	5.5	15.4	34.
31.5	72.7	7479.1	400.0	-20.9	-48.4	242.3	2.8	2.5	1.3	327.9	328.3	0.1	5.4	15.8	34.
33.3	76.7	7932.3	375.0	-25.1	-50.1	252.0	2.9	2.7	0.9	328.4	328.8	0.1	7.5	16.0	35.
34.1	80.6	8404.1	350.0	-29.7	-50.7	233.0	2.9	2.3	1.8	328.8	329.1	0.1	10.8	16.3	35.
36.2	84.7	8902.1	325.0	-34.4	-54.9	236.6	4.2	3.5	2.3	329.3	329.6	0.1	11.5	16.7	36.
38.1	89.4	9427.9	300.0	-38.9	-57.3	272.0	5.6	5.6	-0.2	330.6	330.6	0.1	12.1	17.1	37.
40.1	94.3	13134.4	275.0	-43.2	99.9	275.6	6.7	6.7	-0.5	332.7	999.9	99.9	99.9	17.4	39.
42.4	99.3	13773.4	250.0	-48.1	99.9	287.0	6.9	6.6	-2.0	334.5	999.9	99.9	999.9	17.7	40.
44.9	103.0	14459.9	225.0	-53.4	99.9	280.9	9.7	9.5	-1.8	336.7	999.9	99.9	999.9	18.3	44.
47.6	109.4	15211.2	200.0	-57.8	99.9	274.8	11.9	11.9	-1.0	341.3	999.9	99.9	999.9	19.3	48.
50.2	114.3	13346.8	175.0	-57.8	99.9	268.9	16.4	16.4	0.3	351.2	999.9	99.9	999.9	21.0	53.
53.5	120.5	16713.7	150.0	-60.8	99.9	255.6	17.5	16.9	4.4	363.4	999.9	99.9	999.9	24.1	57.
57.3	127.3	15136.9	125.0	-63.6	99.9	244.2	19.9	18.0	8.7	379.0	999.9	99.9	999.9	28.1	59.
61.9	135.0	19498.7	100.0	-65.3	99.9	227.8	19.3	14.3	13.0	401.6	999.9	99.9	999.9	33.7	58.
68.3	144.0	19234.6	75.0	-66.9	99.9	202.6	10.9	6.2	13.0	432.6	999.9	99.9	999.9	38.7	56.
76.1	152.7	20740.4	50.0	-61.5	99.9	122.3	7.0	3.5	3.7	438.6	999.9	99.9	999.9	40.0	53.
89.4	162.9	25157.3	25.0	-50.1	99.9	344.8	9.6	2.5	-9.2	640.6	999.9	99.9	999.9	36.6	51.

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STATION NO. 340
LITTLE ROCK, ARKANSAS

10 MAY 1979
805 GMT

160 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.3	172.0	999.3	21.1	18.1	160.0	2.6	-0.9	2.4	295.2	329.9	13.4	83.0	0.0	0.
99.9	99.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	9.5	294.5	975.0	21.2	17.4	169.4	13.0	-2.4	12.8	296.5	330.5	13.0	79.2	0.3	346.
1.2	13.4	524.5	950.0	21.7	16.6	173.4	15.2	-0.4	15.2	299.2	332.8	12.7	73.1	0.9	351.
2.1	13.2	755.7	925.0	19.7	15.6	186.8	14.9	1.8	14.8	299.4	331.8	12.1	77.2	1.7	357.
3.0	15.5	991.6	900.0	17.5	15.2	190.1	15.0	2.6	14.8	299.6	332.1	12.2	86.3	2.5	1.
3.9	14.0	1232.1	875.0	15.2	13.1	190.8	14.6	2.8	14.4	299.6	328.8	10.9	87.3	3.3	3.
4.8	21.4	1478.2	850.0	14.8	8.6	184.1	13.0	0.9	13.0	301.7	324.6	8.4	67.0	4.1	4.
5.7	22.9	1730.5	825.0	14.4	-6.3	176.4	12.3	-0.8	12.3	303.8	312.4	2.9	23.3	4.7	4.
6.5	25.4	1989.7	800.0	14.0	-18.1	177.1	10.2	-0.5	10.2	306.1	310.0	1.3	10.5	5.3	3.
7.5	24.3	2257.5	775.0	16.0	-33.8	193.1	9.1	2.1	8.9	311.0	312.0	0.3	1.9	5.8	3.
8.5	32.6	2535.	750.0	15.1	-39.2	209.2	11.0	5.4	9.6	313.0	313.6	0.2	1.2	6.4	5.
9.6	31.2	2823.4	725.0	13.8	-32.9	206.7	11.1	5.0	9.9	314.6	316.1	0.4	3.3	7.1	7.
10.7	35.9	3114.4	700.0	11.6	-20.5	204.0	10.8	4.4	9.8	315.3	319.8	1.1	8.8	7.8	9.
11.9	33.7	3417.2	675.0	9.2	-20.3	212.4	11.1	6.0	9.4	316.0	319.5	1.1	10.0	8.5	10.
12.9	41.5	3724.3	650.0	6.6	-18.4	217.6	11.9	7.2	9.4	316.4	320.9	1.4	14.7	9.2	12.
14.3	43.3	4044.1	625.0	3.6	-18.5	223.8	12.3	8.5	8.9	316.5	321.1	1.4	18.0	9.9	15.
15.1	47.1	4377.5	600.0	0.9	-22.2	232.6	12.4	9.8	7.5	317.2	320.7	1.1	16.1	10.6	17.
16.3	50.3	4717.2	575.0	-1.6	-28.1	239.8	12.5	10.8	6.3	318.1	320.3	0.7	11.1	11.2	20.
17.4	53.3	5066.4	550.0	-4.8	-28.1	241.4	13.1	11.5	6.3	318.4	320.7	0.7	14.1	11.9	23.
18.5	56.4	5432.7	525.0	-9.4	-28.9	240.4	13.1	11.4	6.5	318.3	320.6	0.7	17.2	12.6	25.
19.7	59.6	5804.5	500.0	-12.2	-28.3	240.3	12.4	10.7	6.1	318.1	320.6	0.7	24.7	13.3	27.
1.0	63.0	6197.6	475.0	-16.3	-28.0	238.6	12.2	10.4	6.3	317.8	320.4	0.8	35.7	14.1	29.
[illegible]	66.4	[illegible]	450.0	-19.6	-39.4	238.1	12.2	10.4	6.5	318.6	320.5	0.6	32.3	15.2	31.
23.3	67.3	7028.3	425.0	-17.9	-59.6	240.3	6.3	5.4	3.1	326.0	326.2	0.0	1.2	16.0	33.
25.4	71.5	7471.1	400.0	-21.9	-59.5	237.5	3.1	2.6	1.6	326.5	326.6	0.0	1.8	16.3	33.
27.3	77.1	7938.4	375.0	-29.2	-58.6	234.7	3.5	2.8	2.0	326.9	327.1	0.0	3.0	16.6	34.
29.2	81.7	8433.1	350.0	-37.4	-57.1	232.7	3.5	2.8	2.1	327.3	327.5	0.0	5.3	16.9	34.
31.1	85.2	8953.1	325.0	-35.3	-60.7	256.6	4.2	4.1	1.0	328.1	328.2	0.0	5.4	17.3	35.
33.0	89.5	9516.7	300.0	-39.7	99.9	277.1	6.1	6.1	-0.8	329.4	999.9	99.9	999.9	17.6	37.
35.1	94.0	10130.3	275.0	-44.2	99.9	269.3	6.3	6.3	0.1	331.2	999.9	99.9	999.9	18.1	39.
37.2	94.6	10787.4	250.0	-53.2	99.9	275.1	6.2	6.2	-0.6	331.8	999.9	99.9	999.9	19.6	41.
39.6	103.6	11623.7	225.0	-58.0	99.9	277.0	9.7	9.6	-1.2	335.8	999.9	99.9	999.9	19.2	43.
42.3	109.0	12169.6	200.0	-59.6	99.9	281.0	9.0	8.8	-1.7	340.0	999.9	99.9	999.9	20.3	47.
45.0	116.9	12999.2	175.0	-63.5	99.9	277.9	10.5	10.4	-1.4	346.8	999.9	99.9	999.9	21.0	50.
48.0	121.0	13949.4	150.0	-63.7	99.9	249.6	16.2	15.2	5.7	361.6	999.9	99.9	999.9	23.2	53.
51.9	129.9	15084.2	125.0	-65.2	99.9	239.3	20.6	17.7	10.5	376.9	999.9	99.9	999.9	27.1	55.
55.9	135.7	16422.9	100.0	-65.9	99.9	233.0	18.5	14.8	11.1	400.5	999.9	99.9	999.9	32.3	55.
61.1	144.0	18165.3	75.0	-65.0	99.9	211.5	8.0	4.2	6.8	436.6	999.9	99.9	999.9	38.0	54.
68.1	153.0	21663.7	50.0	-63.3	99.9	131.2	4.6	-3.4	3.0	496.3	999.9	99.9	999.9	36.9	52.
79.3	162.0	25080.9	25.0	-49.2	99.9	20.5	5.6	-2.0	-5.3	643.3	999.9	99.9	999.9	33.8	51.

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STATION NO. 340
LITTLE ROCK, ARKANSAS

10 MAY 1979
1105 GMT

160 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.8	172.9	990.1	20.6	18.9	180.0	2.6	0.0	2.6	294.4	330.7	14.0	91.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	9.2	305.3	975.0	20.6	18.6	191.3	10.8	2.1	10.6	295.9	332.4	14.0	88.0	0.2	3.
1.3	13.5	531.3	950.0	21.3	17.7	190.3	12.5	2.2	12.3	298.8	334.0	13.6	80.2	0.8	9.
2.2	17.9	762.2	925.0	19.9	15.9	188.8	13.5	2.1	13.3	299.6	332.7	12.4	77.9	1.4	9.
3.1	15.1	998.8	900.0	18.2	13.0	194.2	13.5	3.3	13.1	300.3	328.7	10.5	71.6	2.2	9.
4.1	17.5	1242.3	875.0	17.6	10.6	218.6	12.8	7.8	9.8	302.1	327.3	9.3	63.7	2.9	13.
5.1	19.3	1487.5	850.0	15.6	12.5	237.5	13.0	10.9	7.0	302.5	331.9	10.8	81.9	3.6	20.
6.1	22.4	1741.0	825.0	13.7	11.6	236.9	13.3	11.2	7.3	303.1	331.6	10.5	86.8	4.2	27.
7.3	26.9	2003.1	800.0	11.9	6.1	215.7	11.6	6.8	9.4	303.8	327.4	8.6	77.9	4.9	30.
8.2	27.4	2256.5	775.0	13.4	-33.5	201.0	11.6	4.2	10.6	338.2	309.3	0.3	2.8	5.6	29.
9.4	33.9	2542.3	750.0	14.7	-40.9	209.8	13.1	6.5	11.4	312.6	313.1	0.1	1.0	6.5	29.
10.6	32.8	2823.1	725.0	13.9	-20.4	210.2	13.9	7.0	12.0	314.7	318.1	1.1	7.7	7.4	29.
11.6	35.2	3122.3	700.0	11.8	-19.9	214.4	12.4	7.0	10.3	315.5	319.2	1.1	9.1	8.3	29.
12.8	37.9	3426.7	675.0	9.4	-20.1	219.4	13.7	8.7	10.6	316.2	319.9	1.1	10.5	9.2	30.
13.9	40.9	3735.9	650.0	6.8	-20.2	216.6	13.0	7.7	10.4	316.7	320.5	1.2	12.4	10.1	31.
15.1	43.6	4056.2	625.0	4.1	-19.4	221.0	12.5	8.2	9.4	317.1	321.4	1.3	16.1	11.0	32.
16.4	46.4	4386.1	600.0	1.5	-25.8	225.7	12.3	8.8	8.6	317.9	320.5	0.8	10.9	11.9	32.
17.7	49.4	4727.8	575.0	-1.4	-27.6	229.1	12.1	9.2	8.0	318.3	320.6	0.7	11.5	12.9	34.
19.1	52.4	5078.7	550.0	-4.6	-28.3	231.3	13.3	10.4	8.3	319.6	320.9	0.7	13.6	13.9	35.
20.4	55.5	5442.3	525.0	-8.0	-29.0	237.0	12.1	10.2	6.6	318.8	321.3	0.7	15.2	14.9	36.
22.0	58.9	5818.6	500.0	-11.9	-27.4	241.3	11.6	10.1	5.6	318.6	321.3	0.8	20.1	15.9	38.
23.5	62.3	6208.8	475.0	-15.7	-26.6	238.4	12.0	10.2	6.3	318.6	321.6	0.9	23.3	16.9	39.
25.1	65.8	6613.5	450.0	-19.6	-26.3	235.0	11.4	9.3	6.5	319.6	321.9	1.0	54.9	18.1	40.
27.1	69.6	7034.7	425.0	-23.7	-27.4	235.1	9.3	7.6	5.3	318.6	321.7	0.9	71.5	19.2	41.
28.7	72.4	7469.3	400.0	-21.5	-62.1	193.2	4.8	1.1	4.6	327.0	327.1	0.0	1.3	19.6	41.
30.5	76.1	7922.3	375.0	-25.4	-58.5	179.3	5.1	-0.1	5.1	328.0	328.2	0.0	2.8	20.2	40.
32.4	80.0	8404.6	350.0	-24.7	-58.0	180.2	5.1	0.8	5.1	328.8	328.9	0.0	4.4	20.6	39.
34.4	84.0	8912.2	325.0	-34.1	-59.5	212.3	4.2	2.2	3.5	329.6	329.8	0.0	5.6	21.2	39.
36.6	88.3	9450.0	300.0	-37.9	-61.1	236.1	3.1	2.5	1.7	331.9	332.0	0.0	6.7	21.6	39.
38.9	92.8	10022.0	275.0	-42.5	99.9	231.3	3.7	2.9	2.3	333.7	999.9	99.9	999.9	22.0	39.
41.1	97.4	10750.6	250.0	-47.8	99.9	242.7	4.7	4.2	2.2	335.9	999.9	99.9	999.9	22.5	40.
43.7	102.5	11467.3	225.0	-52.6	99.9	279.3	5.1	5.0	-0.9	338.2	999.9	99.9	999.9	23.1	41.
46.5	107.9	12291.3	200.0	-56.4	99.9	20.6	4.3	-2.1	-3.8	343.5	999.9	99.9	999.9	23.2	42.
49.5	113.6	13238.5	175.0	-61.4	99.9	160.4	5.9	0.9	5.8	348.7	999.9	99.9	999.9	22.7	41.
53.0	123.3	13491.8	150.0	-62.1	99.9	244.9	17.0	15.4	7.2	363.0	999.9	99.9	999.9	24.9	44.
56.9	125.3	15115.5	125.0	-63.9	99.9	241.3	20.7	18.2	10.0	379.4	999.9	99.9	999.9	29.0	46.
61.5	134.3	16470.6	100.0	-64.9	99.9	241.5	19.3	16.9	9.2	402.3	999.9	99.9	999.9	35.3	49.
67.0	142.7	19224.7	75.0	-65.5	99.9	218.7	6.6	4.1	5.5	435.6	999.9	99.9	999.9	38.5	50.
74.6	151.7	23720.3	50.0	-62.3	99.9	111.6	5.3	-4.9	2.0	496.7	999.9	99.9	999.9	39.6	47.
86.9	161.9	25159.1	25.0	-50.1	99.9	999.9	99.9	99.9	99.9	640.5	999.9	99.9	999.9	37.1	46.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
# BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONETT, MISSOURI

9 MAY 1979
1100 GMT

158 12. 0

TIME MIN	ENTET	LIGHT SPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
0.0	1.5	4396.0	956.0	19.1	16.3	163.0	3.6	-1.2	3.4	296.0	328.4	12.3	84.0	0.0	0.
1.0	2.0	7.7	10300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
2.0	3.0	9.9	47.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
3.1	4.0	4.0	9.0	19.2	17.7	173.6	11.1	-1.2	11.1	296.7	332.2	13.6	90.8	3.4	339.
4.0	4.6	725.1	925.0	18.6	16.9	177.6	12.7	-0.5	12.7	298.1	332.9	13.2	91.0	0.7	345.
5.0	5.7	350.1	900.0	17.0	15.4	180.4	17.2	1.9	17.1	299.1	332.6	12.7	92.2	1.5	354.
6.7	8.1	1201.2	875.0	16.5	13.6	182.3	19.1	4.1	18.7	301.0	329.2	9.3	68.8	2.4	1.
7.5	9.5	1651.3	850.0	21.7	-9.9	185.8	16.5	4.4	15.9	308.9	316.8	2.6	14.4	3.3	6.
8.1	10.3	1734.9	825.0	22.3	-17.0	238.7	14.0	5.9	12.7	312.1	316.1	1.2	6.0	4.1	7.
9.0	10.5	1477.2	800.0	20.7	-16.2	236.9	12.4	5.8	11.0	313.3	317.6	1.3	7.0	4.9	11.
9.5	10.3	2747.8	775.0	18.6	15.1	235.8	12.4	5.4	11.1	313.8	318.6	1.5	8.7	5.6	12.
9.7	9.6	2566.5	750.0	15.9	-14.3	236.7	11.7	4.9	10.6	313.9	318.2	1.7	11.2	6.4	14.
9.7	8.2	2412.6	725.0	13.5	-15.2	199.5	10.9	3.6	10.1	314.3	317.4	1.6	12.1	7.1	15.
9.8	7.9	3137.2	700.0	11.1	-16.7	199.5	9.3	3.2	8.8	314.8	317.4	1.7	14.7	7.8	15.
10.0	7.7	3607.2	675.0	8.4	-13.7	203.7	8.2	3.9	7.2	315.1	321.3	2.0	17.2	8.6	16.
9.9	8.3	4211.3	650.0	6.3	-12.3	217.2	6.6	4.0	5.3	315.7	321.1	2.3	20.2	9.9	17.
10.1	8.7	4347.1	625.0	2.9	-11.1	204.7	5.9	2.9	5.1	315.9	321.9	2.6	24.8	9.3	14.
10.2	8.1	4197.3	600.0	0.1	-10.7	199.8	4.9	1.3	4.8	316.2	321.7	2.7	27.0	9.7	13.
10.5	8.0	4731.2	575.0	-3.1	-17.7	145.0	4.2	0.4	4.2	316.4	321.6	1.6	31.2	10.0	15.
10.4	8.9	4196.1	550.0	-6.1	-22.2	176.2	3.5	-0.2	3.5	316.9	320.7	1.2	26.4	10.3	17.
10.3	9.4	3817.4	525.0	-9.1	-30.3	196.9	5.5	0.7	5.4	318.7	319.7	0.3	6.9	10.6	17.
10.5	9.0	3743.2	500.0	-11.1	-35.9	207.1	6.2	2.8	5.5	319.5	319.9	0.2	7.2	11.0	17.
10.4	8.3	4193.2	475.0	-14.8	-33.3	230.6	6.3	2.8	5.6	319.7	320.8	0.3	10.2	10.5	17.
10.3	8.5	5192.5	450.0	-17.4	-32.9	238.7	8.6	2.8	8.1	321.4	322.3	0.3	11.9	12.1	18.
10.4	8.0	7317.4	425.0	-20.5	-29.4	236.4	10.7	3.0	10.3	322.7	325.4	0.8	44.5	13.1	18.
10.3	7.6	7863.4	400.0	-23.4	-35.7	182.3	11.2	2.4	10.9	323.3	324.7	0.4	31.2	14.1	17.
27.1	7.3	7824.4	375.0	-26.5	-36.5	178.9	11.3	1.9	11.1	323.9	325.8	0.5	55.8	15.2	17.
10.2	7.7	7812.4	350.0	-32.4	-35.9	189.7	10.5	1.6	10.3	324.5	326.3	0.5	73.2	16.4	16.
9.8	8.7	8137.1	325.0	-37.3	-41.1	195.7	10.8	3.1	10.4	325.3	326.5	0.3	67.1	17.5	16.
9.4	8.8	9569.4	300.0	-41.7	99.9	203.1	10.0	3.4	9.4	326.6	999.9	99.9	999.9	18.9	16.
99.9	9.0	8 373.2	275.0	-45.1	99.9	218.0	8.5	5.4	6.5	329.9	999.9	99.9	999.9	19.9	17.
17.3	10.6	13731.1	250.0	-49.7	99.9	234.0	8.4	7.2	4.3	332.3	999.9	99.9	999.9	20.8	19.
3.3	191.4	11341.4	225.0	-56.1	99.9	225.2	9.1	6.5	6.4	335.6	999.9	99.9	999.9	21.7	20.
41.2	139.4	12133.5	200.0	-57.5	99.9	231.5	12.3	9.6	7.6	341.8	999.9	99.9	999.9	23.3	22.
44.7	112.0	12496.2	175.0	-60.3	99.9	227.1	14.4	10.6	9.8	350.4	999.9	99.9	999.9	25.2	24.
47.3	114.0	13424.4	150.0	-61.9	99.9	233.5	17.5	14.1	10.4	363.4	999.9	99.9	999.9	28.1	27.
51.7	129.7	14054.3	125.0	-62.7	99.9	236.4	17.9	14.9	9.9	381.5	999.9	99.9	999.9	31.7	31.
55.9	132.1	14423.3	100.0	-63.8	99.9	233.9	16.9	13.7	10.0	404.4	999.9	99.9	999.9	36.0	34.
61.5	140.7	14193.3	75.0	-63.8	99.9	222.6	12.5	8.5	9.2	445.5	999.9	99.9	999.9	40.9	36.
64.1	151.9	23722.4	50.0	-57.0	99.9	153.8	4.0	-1.8	3.6	509.2	999.9	99.9	999.9	43.7	36.
80.7	162.0	25183.2	25.0	-49.1	99.9	999.9	99.9	99.9	99.9	663.5	999.9	99.9	999.9	43.5	37.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONETT, MISSOURI

9 MAY 1979
1405 GMT

159 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.5	438.0	957.7	22.1	18.1	170.0	4.6	-0.8	4.5	298.9	335.4	13.8	78.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	11.3	508.3	950.0	21.1	17.3	169.1	10.2	1.6	10.0	298.6	333.7	13.3	79.0	0.3	0.
1.1	13.5	734.9	925.0	18.7	16.7	168.9	11.1	1.7	10.9	298.4	333.0	13.1	88.7	0.7	5.
2.2	15.9	974.1	900.0	16.9	15.7	193.2	14.6	3.3	14.2	298.9	332.3	12.6	92.7	1.4	8.
3.0	19.2	1214.4	875.0	15.4	14.0	199.9	17.4	5.9	16.4	299.7	330.8	11.6	91.9	2.3	11.
3.8	20.6	1461.0	850.0	16.2	5.0	201.3	16.4	5.9	15.3	303.1	322.0	6.8	50.7	3.1	14.
4.7	21.0	1717.2	825.0	21.7	-33.9	194.8	12.9	3.3	12.5	311.5	312.5	0.3	1.3	3.9	15.
5.7	23.5	1982.9	800.0	20.8	-30.1	195.6	11.2	3.0	10.8	313.4	314.7	0.4	2.0	4.6	15.
6.8	27.9	2259.4	775.0	17.1	-24.3	200.5	9.9	3.4	9.2	314.4	316.7	0.7	3.9	5.3	15.
7.7	30.4	2535.2	750.0	16.7	-20.6	196.0	8.7	2.4	8.4	314.7	318.0	1.0	6.2	5.8	16.
8.7	30.3	2821.7	725.0	13.9	-19.8	188.7	8.6	1.3	8.5	314.7	318.2	1.1	8.0	6.3	15.
9.9	35.6	3115.8	700.0	11.4	-20.1	183.0	8.0	0.4	8.0	315.1	319.7	1.1	9.2	6.9	14.
10.9	38.3	3417.9	675.0	9.0	-15.4	189.6	7.0	1.2	6.9	315.8	321.2	1.7	16.1	7.4	14.
12.1	41.0	3728.5	650.0	6.2	-11.2	198.3	5.8	1.8	5.5	316.3	323.8	2.5	27.5	7.8	14.
13.1	43.9	4048.4	625.0	3.4	-12.0	193.4	6.0	1.4	5.8	316.3	323.9	2.4	31.4	8.1	14.
14.3	46.6	4377.7	600.0	0.3	-13.4	178.4	4.7	-0.1	4.7	316.5	323.6	2.3	34.8	8.5	14.
15.5	47.4	4716.9	575.0	-3.0	-15.3	176.5	4.6	-0.3	4.6	316.5	322.9	2.0	37.9	8.8	13.
16.8	52.4	5066.9	550.0	-6.4	-21.7	172.3	5.4	-0.7	5.3	316.5	323.9	1.3	33.2	9.2	12.
18.0	55.4	5424.9	525.0	-8.5	-33.4	170.6	7.0	-1.1	6.9	318.2	319.9	0.5	12.3	9.6	11.
19.4	58.6	5805.3	500.0	-11.4	-41.6	182.7	7.4	0.4	7.4	319.2	319.9	0.2	6.1	10.2	10.
20.7	61.7	6196.3	475.0	-14.6	-41.4	178.1	7.0	-0.2	7.0	320.0	320.7	0.2	8.0	10.7	10.
22.2	65.0	6604.3	450.0	-16.4	-32.5	185.1	9.8	0.9	9.7	322.6	324.5	0.5	23.3	11.4	9.
23.6	69.4	7031.6	425.0	-20.1	-30.9	185.3	11.8	1.1	11.7	323.2	325.5	0.7	37.4	12.4	9.
25.2	71.7	7477.5	400.0	-23.8	-35.4	180.9	12.8	0.2	12.8	324.0	325.7	0.5	33.4	13.5	9.
26.9	75.3	7945.4	375.0	-27.8	-39.9	179.2	12.9	-0.2	12.9	324.9	326.0	0.3	30.0	14.8	8.
28.5	78.0	8437.5	350.0	-31.5	-41.1	185.9	10.5	1.1	10.4	326.3	327.3	0.3	38.0	16.0	7.
30.9	81.0	8957.9	325.0	-35.0	-46.8	197.5	9.1	2.7	8.6	327.4	328.0	0.2	31.0	17.2	7.
32.7	87.0	9509.8	300.0	-39.2	-53.0	244.4	8.3	7.5	3.6	330.1	330.5	0.1	21.3	18.1	9.
34.5	91.2	10100.2	275.0	-43.7	99.9	270.8	8.2	8.2	-0.1	332.0	999.9	99.9	999.9	18.4	12.
36.8	93.7	10733.9	250.0	-48.8	99.9	273.8	5.4	5.3	-0.4	333.5	999.9	99.9	999.9	18.5	15.
39.3	100.6	11418.2	225.0	-53.5	99.9	247.1	5.5	5.1	2.1	336.8	999.9	99.9	999.9	18.7	16.
41.9	105.6	12170.4	200.0	-56.5	99.9	228.2	10.5	7.8	7.0	343.3	999.9	99.9	999.9	19.8	19.
44.7	111.2	13011.6	175.0	-60.2	99.9	229.0	15.6	11.8	10.2	350.6	999.9	99.9	999.9	21.8	21.
48.0	117.3	13975.1	150.0	-60.1	99.9	234.1	18.0	14.5	10.5	366.6	999.9	99.9	999.9	24.9	25.
51.9	124.0	15104.8	125.0	-62.6	99.9	232.2	16.8	13.2	10.3	381.7	999.9	99.9	999.9	28.5	29.
56.5	131.7	16481.9	100.0	-63.4	99.9	225.3	15.7	11.2	11.1	405.3	999.9	99.9	999.9	32.5	32.
62.2	140.7	18261.3	75.0	-60.3	99.9	218.8	11.2	6.7	9.0	448.6	999.9	99.9	999.9	37.4	34.
69.5	151.0	20892.5	50.0	-54.2	99.9	134.1	4.5	-3.2	3.1	515.8	999.9	99.9	999.9	40.1	33.
81.4	163.0	25309.2	25.0	-45.2	99.9	999.9	99.9	99.9	99.9	654.7	999.9	99.9	999.9	38.7	34.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
+ BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONETT, MISSOURI

9 MAY 1979
1705 GMT

152 31. 0

TIME MIN	PRESS MB	HEIGHT GPM	PRESS MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	1005.	83.	1000.	26.4	11.7	190.0	6.7	1.2	6.6	303.2	328.1	9.1	40.0	0.0	0.
99.9	99.9	99.	1000.	26.4	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.
99.9	99.9	99.	975.	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.
1.0	1005.	921.	950.	24.2	16.3	184.4	9.7	0.7	9.7	301.8	334.5	12.2	60.2	0.3	356.
1.0	1005.	950.	925.	21.9	15.5	187.6	9.9	1.3	9.9	301.7	334.2	12.1	67.0	0.6	359.
1.7	1005.	991.	900.	19.8	15.5	192.1	10.0	2.1	9.7	302.0	335.5	12.5	76.2	1.0	4.
2.6	1005.	1030.	875.	17.5	15.7	197.4	9.7	2.9	9.2	302.0	336.9	13.0	88.9	1.4	7.
3.2	1005.	1068.	850.	15.3	14.0	203.0	10.7	4.2	9.9	302.2	336.6	11.9	91.7	1.9	10.
4.2	1005.	1106.	825.	13.0	12.2	205.0	11.7	5.0	10.6	302.3	337.9	10.9	94.8	2.5	14.
5.2	1005.	1143.	800.	10.5	9.2	192.2	13.0	2.8	12.7	305.5	339.9	9.5	97.5	3.3	18.
7.1	1005.	1182.	775.	10.0	-38.9	171.1	11.1	-1.7	11.0	313.2	313.8	0.2	1.0	4.0	14.
7.1	1005.	1218.	750.	10.6	-39.8	162.7	10.5	-3.1	10.0	314.6	315.2	0.2	1.0	4.5	9.
8.1	1005.	1255.	725.	10.1	-41.3	154.8	8.2	-3.5	7.4	314.9	315.5	0.1	1.0	5.0	7.
9.2	1005.	1292.	700.	12.0	-31.5	159.4	7.4	-2.6	6.9	315.8	317.2	0.4	3.6	5.4	3.
10.3	1005.	1329.	675.	13.0	-16.9	166.3	6.2	-1.5	6.0	316.9	321.9	1.6	13.7	5.8	2.
11.3	1005.	1366.	650.	7.1	-17.7	167.5	5.9	-1.3	5.8	317.0	321.7	1.5	15.1	6.2	1.
12.4	1005.	1403.	625.	3.3	-17.4	169.7	5.0	-0.9	4.9	317.3	321.8	1.5	18.6	6.5	0.
13.5	1005.	1439.	600.	1.0	-20.6	169.1	5.2	-1.0	5.1	317.3	321.4	1.3	18.4	6.9	0.
14.9	1005.	1477.	575.	-2.3	-23.3	140.6	6.4	0.1	6.4	317.3	320.7	1.0	19.7	7.3	359.
15.8	1005.	1514.	550.	-6.8	-35.9	236.3	8.9	3.9	8.0	318.4	319.5	0.3	7.0	7.8	0.
17.2	1005.	1552.	525.	-7.8	-29.3	221.9	10.3	6.9	7.7	319.1	321.2	0.6	15.8	8.4	4.
18.3	1005.	1589.	500.	-13.8	-35.5	218.5	10.8	6.7	8.4	319.9	321.1	0.4	11.8	9.1	7.
19.3	1005.	1627.	475.	-16.2	-39.6	200.0	10.3	3.5	9.7	320.6	321.3	0.3	9.5	9.9	9.
21.7	1005.	1665.	450.	-17.3	-44.7	182.5	11.2	0.5	11.2	321.5	322.0	0.2	7.1	10.7	9.
22.7	1005.	1704.	425.	-23.3	-36.3	166.5	12.5	-2.9	12.1	323.0	324.6	0.4	22.3	11.7	8.
24.3	1005.	1742.	400.	-23.6	-56.8	175.2	12.1	-1.0	12.1	324.3	324.5	0.1	4.0	12.9	5.
25.3	1005.	1781.	375.	-25.4	-65.4	222.1	7.9	5.3	5.9	325.0	325.0	0.0	1.0	13.7	6.
27.0	1005.	1820.	350.	-29.7	-61.1	259.6	9.3	9.1	1.7	330.1	330.2	0.0	2.7	14.0	9.
28.3	1005.	1859.	325.	-32.8	-59.0	265.5	10.0	10.0	0.8	331.5	331.6	0.0	5.3	14.3	13.
31.1	1005.	1898.	300.	-38.1	-59.0	265.8	10.9	10.9	0.8	331.7	331.9	0.0	8.0	14.7	17.
31.1	1005.	1938.	275.	-42.3	99.9	255.5	9.2	8.9	2.3	336.0	999.9	99.9	999.9	15.3	22.
35.2	1005.	1977.	250.	-47.6	99.9	258.8	8.9	8.6	1.7	335.3	999.9	99.9	999.9	15.9	25.
37.1	1031.	1995.	225.	-54.1	99.9	255.6	10.6	10.3	2.6	335.6	999.9	99.9	999.9	16.7	28.
40.1	1004.	1977.	200.	-55.8	99.9	244.3	12.6	11.3	5.5	340.5	999.9	99.9	999.9	18.2	32.
42.7	1112.	1953.	175.	-59.3	99.9	236.2	15.3	12.7	8.5	352.5	999.9	99.9	999.9	20.1	35.
45.4	1180.	1913.	150.	-60.1	99.9	225.8	18.7	13.4	13.0	366.6	999.9	99.9	999.9	23.2	37.
49.3	1204.	1853.	125.	-61.1	99.9	229.8	19.0	14.5	12.3	384.4	999.9	99.9	999.9	27.2	38.
53.7	1327.	1792.	100.	-62.6	99.9	226.3	20.3	14.7	14.0	406.8	999.9	99.9	999.9	31.9	40.
59.7	1481.	1731.	75.	-59.9	99.9	222.0	13.2	8.8	9.8	447.4	999.9	99.9	999.9	37.2	42.
65.6	1520.	2396.	50.	-54.9	99.9	153.3	6.7	-3.0	6.0	516.2	999.9	99.9	999.9	40.2	40.
99.9	99.9	99.	25.	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.

* HY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* HY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONETT, MISSOURI

* MAY 1979
2005 GMT

157 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	10.3	439.0	958.0	26.2	18.8	203.0	4.1	1.4	3.9	303.1	341.9	14.5	64.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	11.0	512.0	950.0	25.6	15.7	172.9	8.0	-1.0	7.9	303.2	335.4	11.9	54.1	1.3	353.
1.1	13.4	746.1	925.0	23.1	14.6	175.0	8.9	-0.8	8.8	303.0	333.8	11.4	59.5	0.6	357.
2.0	15.7	984.5	900.0	20.6	14.0	171.1	10.4	-1.6	10.3	302.7	333.3	11.3	66.1	1.1	350.
3.0	19.1	1227.7	875.0	18.5	13.2	163.0	10.3	-3.0	9.8	303.0	332.8	11.0	71.3	1.8	353.
4.1	20.5	1476.1	850.0	16.5	11.6	165.8	11.1	-2.7	10.7	303.4	331.3	10.2	72.8	2.5	349.
5.2	22.9	1729.9	825.0	14.6	7.2	181.7	12.6	0.4	12.6	304.0	325.7	7.8	61.4	3.2	353.
6.1	25.4	1990.5	800.0	15.7	-3.2	197.4	13.8	4.1	13.1	307.9	320.5	4.3	31.1	3.8	354.
7.3	27.9	2259.9	775.0	17.4	-32.1	198.2	12.3	1.7	12.2	312.6	313.7	0.3	2.1	4.5	358.
8.3	30.6	2539.2	750.0	15.5	-27.5	178.4	10.3	-0.3	10.3	313.4	315.2	0.5	3.6	5.2	358.
8.3	33.1	2823.7	725.0	13.2	-26.7	170.0	9.8	-1.7	9.6	314.0	316.0	0.6	4.5	5.9	358.
9.3	35.8	3116.9	700.0	10.6	-26.9	162.0	9.3	-2.9	8.9	314.2	316.3	0.6	5.3	6.3	357.
11.3	38.4	3413.1	675.0	8.3	-22.7	164.4	9.1	-2.4	8.7	315.0	318.2	1.0	10.0	6.9	355.
12.3	41.2	3720.5	650.0	6.2	-16.9	176.4	7.9	-0.5	7.9	316.0	321.0	1.6	17.3	7.4	355.
13.2	44.0	4049.3	625.0	3.2	-15.2	181.7	7.7	0.2	7.7	316.1	322.1	1.9	24.3	8.0	355.
14.4	46.9	4376.9	600.0	0.4	-23.0	193.1	8.0	1.8	7.8	316.6	320.8	1.3	20.0	8.5	356.
15.5	49.8	4716.4	575.0	-2.5	-23.5	211.5	10.2	5.4	8.7	317.1	320.3	1.0	15.0	9.1	359.
16.3	52.8	5067.4	550.0	-5.1	-25.1	221.5	12.1	8.0	9.1	318.0	321.0	0.9	18.9	9.7	1.
18.1	55.9	5430.6	525.0	-8.0	-21.9	220.5	12.1	7.8	9.2	318.8	322.9	1.3	31.7	10.5	4.
19.5	59.0	5807.3	500.0	-11.0	-35.3	221.6	12.9	8.6	9.7	319.6	320.9	0.4	11.3	11.3	7.
20.9	62.1	6198.7	475.0	-14.4	-36.8	221.4	14.8	9.8	11.1	320.1	321.3	0.3	12.8	12.2	10.
22.1	65.5	6605.7	450.0	-17.7	-47.6	215.9	13.1	7.7	10.6	321.0	321.5	0.1	6.2	13.2	13.
23.6	68.9	7031.3	425.0	-19.3	-61.9	220.4	10.7	6.9	8.1	324.3	324.4	0.0	1.0	14.2	14.
25.2	72.4	7481.9	400.0	-21.1	-63.3	237.8	9.8	8.3	5.2	327.5	327.6	0.0	1.0	15.3	15.
25.8	76.0	7956.3	375.0	-25.1	-63.6	252.7	11.0	10.5	3.3	328.4	328.5	0.0	2.1	15.8	19.
24.5	79.7	8452.2	350.0	-28.7	-61.5	256.9	13.2	12.8	3.5	330.1	330.2	0.0	2.6	16.3	23.
23.1	83.7	8977.5	325.0	-33.6	-61.3	251.2	11.7	11.1	3.8	330.4	330.5	0.0	4.2	17.3	28.
22.3	87.7	9531.4	300.0	-38.6	-62.4	253.4	11.0	10.5	3.1	331.1	331.2	0.0	5.1	18.2	29.
21.6	92.3	10125.3	275.0	-43.0	99.9	243.4	10.	9.2	4.6	332.9	999.9	99.9	999.9	19.2	32.
20.7	96.4	10763.4	253.0	-48.3	99.9	245.7	10.3	9.4	4.3	334.3	999.9	99.9	999.9	20.5	34.
34.1	101.2	11445.2	225.0	-54.1	99.9	254.7	12.2	11.8	3.2	335.6	999.9	99.9	999.9	21.8	36.
41.7	106.2	12193.9	200.0	-58.7	99.9	253.7	13.4	12.9	3.8	339.9	999.9	99.9	999.9	23.4	40.
44.5	111.8	13031.9	175.0	-59.8	99.9	235.3	14.8	12.2	8.4	351.3	999.9	99.9	999.9	25.5	42.
47.7	117.9	13983.1	150.0	-61.6	99.9	229.0	19.5	14.7	12.8	363.9	999.9	99.9	999.9	28.7	43.
51.5	124.3	15119.4	125.0	-62.4	99.9	229.0	21.1	15.9	13.8	382.0	999.9	99.9	999.9	33.4	44.
55.9	131.7	16491.7	100.0	-63.4	99.9	231.1	21.6	16.8	13.6	405.2	999.9	99.9	999.9	38.7	45.
61.7	140.3	18271.7	75.0	-60.7	99.9	216.8	14.0	8.4	11.2	445.8	999.9	99.9	999.9	45.1	45.
69.2	150.0	20404.5	50.0	-57.5	99.9	186.2	9.1	0.6	9.1	507.9	999.9	99.9	999.9	48.3	46.
81.4	161.5	25286.3	25.0	-48.1	99.9	160.0	5.0	-1.7	4.7	646.5	999.9	99.9	999.9	47.2	45.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MUNETT, MISSOURI

9 MAY 1979
2330 GMT

159 12. 0

TIME MIN	ENTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX R'TO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.4	838.0	957.0	27.3	15.3	170.0	4.6	-0.8	4.5	304.3	335.7	11.6	45.0	0.0	0.
99.9	99.9	99.9	10000.	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	11.0	923.0	950.0	26.8	16.1	172.9	9.8	-1.2	9.8	306.4	333.7	10.7	45.8	0.3	337.
1.0	13.4	938.3	925.0	24.4	12.4	166.6	10.9	-2.5	10.6	306.3	331.3	9.8	47.0	1.7	343.
1.9	15.9	977.2	900.0	22.1	11.4	157.7	11.2	-3.9	10.5	304.3	330.4	9.5	50.9	3.2	342.
2.9	18.2	1018.3	875.0	19.9	11.0	161.7	11.6	-3.6	11.0	304.4	330.6	9.5	55.6	4.9	342.
3.9	20.5	1060.5	850.0	17.6	10.9	165.7	11.8	-2.9	11.4	304.6	331.3	9.7	60.5	6.6	342.
4.8	23.1	1105.1	825.0	15.4	9.2	167.4	12.2	-2.6	11.9	304.8	329.5	8.9	66.5	8.1	343.
5.5	25.6	1145.4	800.0	13.2	5.9	170.3	12.7	0.0	12.7	305.3	325.0	7.0	58.7	9.4	344.
6.4	28.1	1193.2	775.0	10.7	-20.9	191.2	13.5	2.6	13.3	310.7	312.8	0.8	6.5	6.5	348.
7.4	30.7	1233.4	750.0	10.5	-22.3	190.0	11.6	-0.0	11.6	312.6	315.7	1.0	5.9	5.2	351.
8.1	33.1	1276.3	725.0	13.0	-22.2	190.1	10.0	0.7	10.0	313.7	316.7	0.9	6.9	5.3	352.
8.5	35.5	1312.7	700.0	11.7	-21.3	191.8	10.4	2.1	10.2	315.5	314.8	1.0	4.3	6.4	356.
10.6	37.7	1412.1	675.0	9.1	-21.5	196.0	10.7	3.3	10.3	315.8	319.1	1.0	9.5	7.1	356.
11.7	41.4	1722.5	650.0	6.4	-22.7	201.8	11.1	4.1	10.3	316.2	319.9	1.1	12.2	7.7	359.
12.9	44.2	1992.8	625.0	3.4	-23.3	208.3	11.4	5.4	10.0	316.4	319.5	0.9	11.9	8.4	360.
13.9	47.1	1271.5	600.0	0.4	-23.3	218.4	11.7	6.9	9.4	316.6	319.9	1.0	15.4	9.1	3.
15.3	50.0	1711.1	575.0	2.6	-15.6	222.9	11.9	8.1	8.7	317.2	323.5	2.0	35.3	9.8	5.
16.2	53.0	5362.4	550.0	-4.7	-24.5	232.1	12.3	9.7	7.5	318.6	320.6	0.6	12.2	10.4	8.
17.6	56.3	5625.1	525.0	-8.3	-31.4	236.0	13.2	11.0	7.4	319.9	320.7	0.5	13.1	11.0	12.
18.4	59.1	5831.0	500.0	-11.1	-37.4	238.3	14.4	11.8	8.0	319.5	320.6	0.3	8.9	11.9	16.
20.2	62.4	6195.2	475.0	-13.1	-44.1	229.8	12.7	9.7	8.2	321.7	322.1	0.1	3.4	12.9	19.
21.9	65.7	6536.0	450.0	-14.9	-51.3	228.4	9.7	7.3	6.4	324.5	324.8	0.1	2.8	13.8	21.
23.3	69.1	7336.2	425.0	-17.7	-53.6	227.4	10.2	7.5	6.9	326.3	326.6	0.1	3.7	14.6	23.
24.7	72.6	7696.4	400.0	-21.5	-52.4	237.8	11.1	9.4	5.9	327.0	327.3	0.1	4.2	15.4	26.
26.2	76.2	7957.1	375.0	-24.7	-54.3	247.3	12.5	11.6	4.7	329.0	329.2	0.1	4.6	16.2	27.
27.9	80.0	9657.6	350.0	-28.6	-55.3	242.1	13.1	11.5	6.1	330.2	330.4	0.1	5.6	17.2	29.
29.8	84.0	8982.9	325.0	-33.6	-56.2	245.7	11.4	10.4	4.7	330.7	330.9	0.1	7.9	18.5	32.
31.7	88.0	9339.3	300.0	-38.4	-59.7	249.5	11.4	9.7	3.6	331.2	331.4	0.0	8.5	19.4	34.
33.7	92.3	11131.5	275.0	-43.3	99.9	233.5	10.8	8.4	6.9	332.5	999.9	99.9	999.9	20.5	36.
35.4	96.8	11765.7	250.0	-48.7	99.9	234.3	11.3	9.1	6.6	333.7	999.9	99.9	999.9	21.9	36.
36.3	101.8	11453.3	225.0	-54.1	99.9	251.6	13.7	13.0	4.3	335.6	999.9	99.9	999.9	23.5	38.
40.9	106.9	12196.1	200.0	-59.2	99.9	254.3	15.2	14.7	4.2	339.1	999.9	99.9	999.9	25.3	41.
43.6	112.4	13228.3	175.0	-63.9	99.9	235.3	16.4	13.4	9.4	349.6	999.9	99.9	999.9	27.6	44.
47.1	118.5	13384.8	150.0	-60.5	99.9	236.0	22.6	18.2	13.2	365.9	999.9	99.9	999.9	31.8	44.
50.9	125.3	15116.5	125.0	-62.7	99.9	234.2	22.0	18.3	12.2	381.4	999.9	99.9	999.9	36.9	46.
55.6	133.0	16436.1	100.0	-62.2	99.9	232.6	20.7	16.4	12.6	407.6	999.9	99.9	999.9	42.3	47.
61.1	141.5	19266.2	75.0	-62.9	99.9	227.7	11.9	8.8	8.0	441.0	999.9	99.9	999.9	49.0	47.
69.0	151.5	20901.0	50.0	-58.6	99.9	200.7	4.9	1.7	4.6	505.5	999.9	99.9	999.9	51.0	46.
81.4	162.5	25287.1	25.0	-47.2	99.9	999.9	99.9	99.9	99.9	649.1	999.9	99.9	999.9	68.8	48.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
MONETT, MISSOURI

10 MAY 1979
205 GMT

148 41. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.8	438.0	957.0	23.2	14.7	145.0	3.1	-1.8	2.5	300.1	329.9	11.1	59.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	11.5	502.6	950.0	24.8	16.3	155.6	11.2	-4.6	10.2	302.4	335.8	12.4	59.1	8.3	329.
1.3	13.9	736.3	925.0	22.9	13.9	159.7	14.8	-5.1	13.9	302.8	332.4	10.9	56.9	0.9	335.
2.2	16.2	974.5	900.0	21.2	12.9	157.4	15.3	-5.9	14.1	303.4	332.0	10.5	59.1	1.7	338.
3.1	18.7	1218.3	875.0	18.9	11.8	157.5	14.7	-5.6	13.6	303.5	331.0	10.0	63.4	2.6	337.
4.1	21.2	1466.6	850.0	16.9	8.3	166.9	13.9	-3.1	13.5	303.9	327.0	8.4	58.2	3.4	337.
5.3	23.7	1720.9	825.0	15.4	-8.9	187.7	14.7	2.0	14.6	306.9	313.8	3.0	21.8	4.1	342.
6.2	26.2	1982.2	800.0	17.3	-29.9	187.6	14.9	2.0	14.8	309.6	311.1	0.4	2.8	5.1	348.
7.2	28.4	2251.4	775.0	16.3	-39.9	194.3	13.9	1.0	13.8	311.4	311.9	0.1	1.8	5.9	350.
8.2	31.4	2529.6	750.0	15.1	-31.9	175.1	12.7	-1.1	12.6	313.0	314.3	0.4	2.7	6.7	352.
9.2	34.0	2816.8	725.0	13.7	-23.3	174.3	12.8	-1.2	12.0	314.5	317.1	0.8	6.0	7.5	352.
10.3	36.7	3109.7	700.0	11.5	-15.7	180.9	11.3	1.0	11.3	315.2	320.2	1.6	13.1	8.2	352.
11.4	39.6	3413.7	675.0	8.7	-16.3	194.2	10.7	2.6	10.4	315.4	320.4	1.8	15.2	8.9	354.
12.5	42.2	3721.1	650.0	6.1	-23.3	201.9	11.8	4.4	10.9	315.9	318.8	0.9	9.5	9.6	355.
13.6	45.1	4030.4	625.0	3.8	-27.6	212.1	11.4	6.0	9.6	316.9	320.7	1.2	14.8	10.3	358.
14.8	48.3	4350.4	600.0	1.3	-21.1	229.4	9.9	7.5	6.4	317.6	321.5	1.2	9.9	10.8	3.
16.0	51.0	4681.4	575.0	-2.0	-26.6	238.8	12.2	10.0	7.0	317.7	320.7	0.9	15.7	11.2	4.
17.1	54.0	5002.7	550.0	-5.0	-24.8	240.6	15.7	13.8	7.8	318.1	321.2	0.9	19.4	11.8	7.
18.3	57.1	5326.3	525.0	-8.2	-26.1	243.0	18.5	16.5	8.4	318.6	321.5	0.9	21.8	12.7	12.
19.7	60.2	5653.3	500.0	-11.2	-36.9	238.7	17.1	14.6	8.9	319.4	320.5	0.3	10.1	13.8	18.
21.1	63.4	5984.3	475.0	-13.0	-55.9	232.5	13.0	10.4	7.9	321.9	322.0	0.0	1.3	14.8	21.
22.3	66.9	6320.4	450.0	-13.9	-56.7	217.9	9.8	6.0	7.7	325.9	326.0	0.0	1.0	15.8	22.
24.5	70.1	7037.1	425.0	-17.9	-51.2	212.5	9.1	4.9	7.7	326.2	326.3	0.0	1.0	16.7	23.
25.3	73.7	7447.7	400.0	-20.9	-62.0	222.0	11.0	7.4	8.2	327.9	328.0	0.0	1.2	17.6	26.
26.3	77.1	7861.2	375.0	-24.7	-61.9	233.7	12.3	9.9	7.3	329.0	329.1	0.0	1.7	18.7	25.
27.5	81.3	8454.0	350.0	-28.9	-62.6	232.2	12.8	10.0	7.7	329.8	329.9	0.0	2.2	19.9	27.
31.9	85.0	8994.3	325.0	-33.6	-61.6	228.4	12.9	9.8	8.5	330.4	330.5	0.0	4.0	21.3	29.
33.9	89.0	9540.5	300.0	-39.3	-63.2	233.1	12.0	9.6	7.2	331.3	331.4	0.0	5.3	22.8	30.
35.1	93.3	10132.3	275.0	-43.1	99.9	235.8	12.0	9.9	6.8	332.6	999.9	99.9	999.9	24.2	32.
36.5	97.8	10756.9	250.0	-46.7	99.9	242.2	12.8	11.3	6.0	333.7	999.9	99.9	999.9	25.8	34.
41.1	102.6	11453.7	225.0	-50.3	99.9	242.3	12.4	11.0	5.8	335.3	999.9	99.9	999.9	27.6	36.
44.3	107.9	12136.8	200.0	-53.0	99.9	259.7	15.7	15.5	2.8	339.3	999.9	99.9	999.9	29.6	38.
47.3	113.3	13029.7	175.0	-61.2	99.9	245.3	18.6	16.9	7.8	368.9	999.9	99.9	999.9	31.9	42.
50.5	119.3	13779.7	150.0	-62.8	99.9	239.7	25.7	22.2	13.0	362.0	999.9	99.9	999.9	36.3	44.
54.5	126.2	15105.5	125.0	-63.2	99.9	236.5	20.4	16.6	11.8	380.6	999.9	99.9	999.9	41.6	46.
59.5	133.7	16450.1	100.0	-63.0	99.9	222.7	18.3	12.4	13.4	406.1	999.9	99.9	999.9	47.0	46.
65.4	142.3	18240.7	75.0	-63.0	99.9	209.6	10.5	5.2	9.2	440.9	999.9	99.9	999.9	52.4	45.
73.5	153.0	20784.3	50.0	-59.6	99.9	229.2	6.2	3.1	2.7	503.2	999.9	99.9	999.9	56.4	44.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* AT SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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STATION NO. 349
MONETT, MISSOURI

10 MAY 1974
505 GMT

158 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.[illegible]	433.0	958.0	23.6	15.6	160.0	3.6	-1.2	3.4	297.4	328.4	11.7	73.0	0.0	0.
99.9	99.9	99.9	1033.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.2	11.6	513.9	950.0	23.8	16.2	163.2	15.2	-5.1	14.3	298.3	333.9	12.3	75.2	0.3	331.
1.0	11.7	742.1	925.0	23.7	17.3	162.3	16.4	-5.1	15.6	300.5	336.0	13.3	79.3	0.5	336.
1.9	10.1	972.3	900.0	19.1	16.4	169.0	19.2	-4.0	18.8	301.2	336.4	13.2	80.4	1.7	341.
2.7	14.5	1201.9	875.0	17.2	14.6	173.1	21.1	-2.5	21.0	301.6	334.8	12.0	84.6	2.8	345.
3.5	23.2	1430.9	850.0	15.3	11.7	176.6	20.6	-1.2	20.6	331.9	329.7	10.3	80.9	3.7	347.
4.3	21.3	1722.6	825.0	17.5	-12.5	182.4	15.9	0.7	15.9	307.1	312.6	1.8	12.1	4.6	350.
5.1	25.9	1895.1	800.0	19.[illegible]	-22.7	182.3	14.4	0.6	14.4	310.9	313.4	0.8	4.6	5.3	352.
6.0	24.3	2296.2	775.0	17.7	-25.6	189.5	13.9	2.1	13.8	312.8	314.9	0.6	3.8	6.8	353.
7.3	32.9	2533.3	750.0	16.6	-24.5	193.8	12.9	3.1	12.5	314.6	316.9	0.7	4.4	8.8	355.
7.3	33.4	2922.1	725.0	14.3	-25.3	192.9	13.4	3.0	13.1	315.1	317.4	0.7	4.8	7.5	357.
8.9	36.1	3115.6	700.0	12.0	-15.1	196.4	13.3	3.7	12.7	345.7	321.1	8.7	13.5	8.2	359.
9.9	38.9	3612.3	675.0	9.5	-16.5	197.1	13.3	3.9	12.7	316.3	321.3	1.6	19.2	9.0	0.
10.9	41.6	3734.5	650.0	6.9	-21.6	196.8	13.0	3.7	12.4	316.8	320.3	1.1	11.1	9.8	2.
11.9	44.3	4035.1	625.0	4.4	-19.4	195.9	12.5	3.4	12.0	317.5	321.6	1.3	15.4	10.5	3.
12.9	47.1	4341.3	600.0	1.2	-19.9	202.6	11.7	4.4	10.8	317.8	322.2	1.4	20.7	11.2	4.
14.0	49.1	4721.9	575.0	-1.8	-21.9	216.2	12.6	7.4	10.2	317.9	321.7	1.1	19.6	11.9	5.
15.1	51.9	5373.5	550.0	-4.7	-21.4	221.9	16.4	10.9	12.2	318.5	322.6	1.3	25.7	12.7	8.
16.2	54.1	5637.1	525.0	-8.1	-24.1	223.4	19.1	13.1	13.9	318.7	322.1	1.0	26.1	13.7	11.
17.6	57.3	5911.6	500.0	-11.9	-25.6	225.8	18.6	13.2	12.8	318.6	321.7	1.0	31.0	14.8	13.
19.7	62.6	6238.5	475.0	-13.6	-42.2	225.5	13.5	9.6	9.5	321.2	321.9	0.2	6.9	15.9	16.
20.1	63.7	6615.5	450.0	-14.3	-45.8	213.8	11.9	6.8	9.9	325.7	326.2	0.1	4.7	16.8	17.
21.4	68.1	7046.7	425.0	-17.5	-47.7	213.4	12.7	7.0	10.6	326.5	327.0	0.1	5.1	17.8	18.
22.8	72.5	7497.9	400.0	-20.7	-49.5	221.6	13.4	8.9	10.1	327.9	328.3	0.1	5.6	18.8	19.
24.3	75.1	7370.3	375.0	-24.7	-51.8	223.8	14.0	9.7	10.1	328.9	329.2	0.1	6.0	19.9	21.
25.7	78.3	8068.6	350.0	-27.2	-53.8	220.3	13.9	9.0	10.6	329.4	329.7	0.1	7.1	21.8	22.
27.6	81.9	9336.9	325.0	-33.1	-55.9	221.1	14.1	9.3	10.6	331.1	331.3	0.1	8.2	22.3	23.
29.1	87.9	9653.3	300.0	-38.2	-58.3	230.5	14.1	10.9	9.0	331.5	331.7	0.0	10.4	23.9	24.
31.5	92.2	10143.9	275.0	-43.3	99.9	237.6	14.5	12.3	7.8	332.6	999.9	99.[illegible]	999.9	25.5	27.
33.9	95.8	10777.1	250.0	-49.8	99.9	237.2	14.6	12.3	7.9	333.2	999.9	99.9	999.9	27.3	29.
36.1	101.6	11461.5	225.0	-53.8	99.9	244.5	14.7	13.5	5.9	336.1	999.9	99.9	999.9	29.0	31.
38.5	105.9	12211.2	200.0	-57.5	99.9	268.9	20.3	20.3	0.4	341.7	999.9	99.9	999.9	30.8	34.
41.3	112.6	13061.6	175.0	-63.9	99.9	262.3	18.3	18.2	2.5	344.5	999.9	99.9	999.9	32.4	39.
43.9	119.7	13981.9	150.0	-64.1	99.9	233.8	20.2	16.3	11.9	359.7	999.9	99.9	999.9	35.1	41.
47.9	125.5	15106.9	125.0	-63.0	99.9	227.8	20.7	15.4	13.9	381.0	999.9	99.9	999.9	40.4	43.
52.2	133.0	16476.5	100.0	-64.4	99.9	217.3	18.4	11.2	14.8	403.2	999.9	99.9	999.9	45.3	42.
57.5	142.9	18231.9	75.0	-65.0	99.9	191.9	10.8	2.2	10.4	440.7	999.9	99.9	999.9	50.4	41.
64.9	151.7	20760.3	50.0	-59.2	99.9	125.5	5.1	-4.2	3.0	504.0	999.9	99.9	999.9	52.0	40.
77.7	162.0	25193.1	25.0	-48.5	99.9	999.9	99.9	99.9	99.9	645.1	999.9	99.9	999.9	48.6	39.

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STATION NO. 349
MONETT, MISSOURI

10 MAY 1979
805 GMT

158 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.5	439.9	957.3	19.6	15.7	140.0	3.6	-2.3	2.8	296.4	327.5	11.8	78.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
2.3	11.4	504.3	950.0	19.7	18.2	172.2	12.8	-1.7	12.7	297.2	334.0	14.1	91.2	0.3	341.
1.2	11.7	735.1	925.0	19.5	17.2	176.8	15.3	-0.8	15.3	299.3	335.0	13.5	85.2	0.9	349.
2.0	16.1	971.3	900.0	18.2	16.2	186.6	17.1	2.0	17.0	303.3	334.9	13.0	87.7	1.7	355.
3.0	13.6	1212.9	875.0	16.5	14.2	196.9	19.0	5.5	18.1	301.0	332.5	11.8	86.2	2.8	2.
4.0	21.2	1459.7	850.0	14.7	12.6	200.2	20.5	7.1	19.2	301.6	331.0	10.9	87.3	3.9	7.
4.8	23.5	1712.4	825.0	13.3	7.9	196.6	19.1	4.8	18.5	302.6	325.4	8.3	70.9	4.9	10.
5.8	27.9	1971.7	800.0	14.9	-7.2	187.8	17.7	2.4	17.6	307.0	315.4	2.8	21.0	5.9	9.
6.7	29.6	2241.5	775.0	17.7	-24.0	195.5	18.2	4.9	17.5	312.9	315.5	0.8	4.7	6.9	10.
7.6	31.1	2523.7	750.0	17.0	-18.3	198.2	18.2	5.7	17.3	315.0	318.9	1.2	7.5	7.9	11.
8.7	33.8	2809.1	725.0	14.7	-16.5	197.4	17.5	5.2	16.7	315.6	320.1	1.4	9.8	9.1	12.
9.9	36.4	3102.4	700.0	12.1	-19.7	200.3	16.4	5.7	15.4	315.9	319.6	1.1	9.1	10.2	12.
10.9	38.1	3405.5	675.0	9.7	-17.9	198.4	16.6	5.3	15.8	316.6	321.0	1.4	12.3	11.3	13.
11.1	41.3	3717.2	650.0	7.3	-20.1	196.5	14.5	4.1	13.9	317.2	321.1	1.2	12.0	12.3	14.
13.3	44.7	4034.3	625.0	4.3	-17.5	199.2	14.3	4.7	13.6	317.4	322.4	1.5	13.7	13.4	14.
14.5	47.5	4368.2	600.0	1.1	-13.6	204.7	13.8	5.7	12.5	317.4	324.4	2.2	32.3	14.6	14.
15.7	52.5	4708.6	575.0	-1.5	-32.1	215.5	13.6	7.9	11.0	318.2	319.8	0.4	7.5	15.3	15.
17.0	53.5	5060.5	550.0	-4.5	-35.8	223.2	16.3	11.2	11.9	318.8	320.0	0.3	8.5	16.3	17.
18.3	56.5	5424.4	525.0	-7.9	-34.5	226.3	18.2	13.1	12.5	319.0	320.3	0.4	9.6	17.5	19.
19.6	59.7	5801.0	500.0	-11.6	-33.1	225.5	18.9	13.5	13.2	318.9	320.6	0.5	10.9	18.8	21.
20.9	62.9	6191.4	475.0	-15.0	-33.5	226.1	19.0	13.7	13.2	319.4	321.0	0.5	10.7	20.2	23.
22.3	66.3	6594.3	450.0	-16.3	-48.3	219.1	22.0	13.9	17.1	322.7	323.1	0.1	4.6	21.7	24.
23.9	69.6	7025.2	425.0	-17.6	-61.1	217.7	21.4	13.1	17.0	326.5	326.6	0.0	1.0	24.1	25.
25.6	73.1	7478.6	400.0	-21.4	-61.9	221.1	15.7	10.3	11.8	327.2	327.2	0.0	1.3	25.6	26.
27.2	76.7	7950.9	375.0	-25.3	-58.8	218.8	17.7	11.1	13.8	328.2	328.3	0.0	2.7	27.2	27.
28.8	80.5	8447.3	350.0	-29.1	-57.4	221.9	18.3	12.2	13.6	329.5	329.7	0.0	4.5	29.0	28.
30.9	84.5	8972.7	325.0	-33.6	-59.5	221.5	18.3	12.1	13.7	330.4	330.5	0.0	5.3	31.0	29.
32.5	88.5	9523.4	300.0	-38.4	-60.5	247.7	15.5	14.4	5.9	331.3	331.4	0.0	7.6	33.2	30.
35.0	92.9	10120.9	275.0	-42.8	99.9	284.5	10.8	10.5	-2.7	333.2	999.9	99.9	999.9	33.4	31.
37.4	97.4	10757.4	250.0	-47.9	99.9	236.3	15.8	13.2	8.8	334.8	999.9	99.9	999.9	35.2	32.
39.8	102.2	11444.8	225.0	-53.0	99.9	242.3	17.9	15.8	8.3	337.6	999.9	99.9	999.9	37.5	34.
42.2	107.3	12195.7	200.0	-57.8	99.9	264.1	16.2	16.1	1.7	341.2	999.9	99.9	999.9	39.5	36.
45.1	112.5	13023.7	175.0	-65.1	99.9	270.3	15.6	15.6	-0.1	342.5	999.9	99.9	999.9	40.9	39.
48.1	119.0	13955.4	150.0	-65.3	99.9	235.5	19.3	15.9	10.9	357.6	999.9	99.9	999.9	43.4	41.
52.6	125.7	15074.9	125.0	-63.1	99.9	226.0	21.8	15.7	15.2	380.7	999.9	99.9	999.9	49.5	42.
57.4	133.0	16440.1	100.0	-64.9	99.9	222.1	19.3	12.9	14.3	402.4	999.9	99.9	999.9	55.2	42.
63.8	141.7	18201.6	75.0	-62.8	99.9	211.6	9.1	4.8	7.8	441.2	999.9	99.9	999.9	60.7	43.
77.2	151.5	20717.6	50.0	-60.2	99.9	118.9	4.6	-4.0	2.2	501.6	999.9	99.9	999.9	62.6	41.
85.2	162.3	25138.5	25.0	-51.1	99.9	330.5	6.5	3.2	-5.7	638.2	999.9	99.9	999.9	60.0	41.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 349
WONETT, MISSOURI

10 MAY 1979
1100 GMT

158 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	100.0	438.0	938.0	19.8	17.1	140.0	4.6	-3.0	3.5	295.6	329.4	13.0	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	11.1	512.5	950.0	19.5	19.6	169.6	14.1	-2.9	13.8	297.3	335.1	[illegible]	92.7	0.4	326.
1.2	13.5	741.8	925.0	20.2	17.7	175.2	17.0	-0.5	17.0	300.0	337.0	14.0	85.7	1.0	341.
1.9	15.8	971.1	900.0	20.7	15.1	178.9	17.6	0.5	16.8	302.9	335.7	12.1	70.3	1.8	352.
2.9	19.2	1222.9	875.0	19.3	13.7	203.7	16.9	8.4	14.6	303.8	334.8	11.4	70.3	2.6	3.
3.8	22.6	1472.2	850.0	17.9	13.2	217.2	19.3	11.7	15.3	304.8	335.8	11.3	78.4	3.5	12.
4.7	26.0	1727.3	825.0	16.1	11.3	224.9	19.8	13.2	13.3	305.6	333.8	10.2	73.0	4.4	19.
5.7	29.5	1989.7	800.0	13.9	10.3	227.0	19.5	14.3	13.3	305.9	332.7	9.7	77.4	5.4	26.
6.6	34.3	2255.4	775.0	11.5	9.3	227.7	21.5	14.3	16.0	306.2	333.8	10.0	90.3	6.5	28.
7.5	39.6	2524.3	750.0	9.5	6.5	227.9	24.7	8.9	16.5	307.0	332.3	8.4	83.2	7.9	33.
8.7	43.2	2812.2	725.0	12.0	-13.5	141.2	18.0	3.5	17.6	312.7	336.6	1.2	10.0	8.9	28.
9.8	46.9	3105.2	700.	11.3	-14.1	143.6	15.7	3.7	15.2	315.3	338.9	1.2	10.0	9.9	26.
10.7	50.6	3404.1	675.0	13.4	-12.7	143.2	13.0	4.3	13.0	317.3	321.2	1.2	13.1	11.8	25.
11.8	54.3	3710.4	650.0	8.0	-22.2	138.8	13.1	4.2	12.6	315.3	321.3	1.0	9.6	11.6	25.
12.9	58.1	4021.9	625.0	5.3	-24.3	231.5	11.9	4.3	11.0	318.6	323.4	0.5	6.0	12.4	24.
14.0	62.0	4339.3	600.0	2.3	-32.2	210.6	12.0	6.1	10.3	318.4	320.2	0.4	5.3	13.2	24.
15.3	66.0	4714.6	575.0	-0.9	-31.2	217.1	13.8	8.3	11.0	318.9	320.6	0.5	7.9	14.1	25.
16.5	70.0	5047.0	550.0	-4.2	-30.9	218.0	16.7	10.3	13.2	319.1	320.9	0.5	13.3	15.2	26.
17.8	74.0	5431.2	525.0	-7.7	-31.4	220.1	18.2	11.7	13.9	319.1	320.9	0.5	12.9	16.6	27.
19.4	78.0	5820.0	500.0	-11.2	-30.5	219.8	20.9	13.3	16.0	319.4	321.4	0.6	18.2	18.3	28.
21.5	82.3	6236.7	475.0	-15.4	-30.6	220.8	18.2	11.9	13.8	319.0	321.1	0.6	25.8	20.2	30.
22.3	85.5	6606.2	450.0	-18.9	-41.3	227.9	17.7	11.6	13.4	319.4	320.1	0.3	13.1	21.8	30.
23.7	89.0	7023.0	425.0	-23.6	-45.2	216.1	13.5	9.0	10.9	322.6	323.2	0.2	8.9	22.9	31.
25.3	92.5	7476.4	400.0	-22.2	-49.2	202.9	14.4	5.6	13.2	326.2	326.6	0.1	6.5	24.2	31.
27.2	96.1	7967.6	375.0	-25.6	-54.3	230.7	17.8	6.3	16.7	327.4	328.0	0.1	4.8	25.8	30.
29.1	99.9	8484.3	350.0	-29.0	-55.5	206.2	18.1	9.0	16.2	329.7	329.9	0.1	5.7	29.0	30.
31.1	83.8	8959.5	325.0	-33.3	-56.9	210.1	17.2	8.6	14.9	330.8	331.0	0.1	7.3	30.1	29.
33.2	84.0	9525.7	300.0	-37.2	-58.8	222.1	16.2	10.9	12.1	332.2	333.1	0.0	9.4	32.2	30.
35.2	92.2	10121.3	275.0	-41.8	99.9	228.0	14.7	12.5	11.3	335.3	999.9	99.9	999.9	34.1	31.
37.3	96.7	10743.0	250.0	-46.3	99.9	253.2	14.6	13.9	5.0	337.3	999.9	99.9	999.9	35.9	32.
39.4	101.4	11455.2	225.0	-51.7	99.9	268.1	15.8	15.8	0.5	339.3	999.9	99.9	999.9	37.2	34.
41.9	106.6	12230.5	200.0	-58.9	99.9	275.5	13.3	13.2	-1.0	339.6	999.9	99.9	999.9	38.1	37.
44.4	112.0	13032.9	175.0	-66.7	99.9	227.4	9.5	7.0	6.4	343.2	999.9	99.9	999.9	39.1	38.
47.6	118.3	13970.3	150.0	-63.0	99.9	228.3	21.5	16.3	14.5	361.6	999.9	99.9	999.9	41.9	38.
51.6	125.0	15097.9	125.0	-61.0	99.9	233.2	22.1	7.7	13.2	384.6	999.9	99.9	999.9	47.5	40.
56.1	132.3	16466.7	100.0	-65.3	99.9	232.6	19.1	14.4	11.0	401.6	999.9	99.9	999.9	52.6	41.
61.7	141.0	18223.1	75.0	-63.3	99.9	234.2	9.3	3.8	8.5	440.3	999.9	99.9	999.9	57.8	42.
69.4	151.0	23748.3	50.0	-59.5	99.9	130.7	6.1	-3.1	2.7	503.3	999.9	99.9	999.9	58.7	40.
80.4	161.7	25204.2	25.0	-49.4	99.9	999.9	99.9	99.9	99.9	643.1	999.9	99.9	999.9	56.1	41.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

9 MAY 1979
1100 GMT

00 200. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.8	392.3	957.3	23.6	16.2	160.0	9.8	-3.4	9.2	297.4	329.7	12.2	76.1	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
1.3	11.5	456.5	950.0	23.8	16.4	999.9	99.9	99.9	99.9	298.3	331.3	12.5	76.1	999.9	999.
1.3	11.8	684.3	925.0	19.3	16.3	999.9	99.9	99.9	99.9	299.0	332.9	12.8	83.0	999.9	999.
1.9	12.2	824.5	910.0	16.7	14.7	999.9	99.9	99.9	99.9	298.7	330.0	11.8	87.8	2.5	1.
2.9	14.7	1154.5	875.0	14.6	13.1	187.2	24.1	3.0	24.0	299.0	328.2	11.0	90.9	3.9	3.
3.7	21.1	1404.3	850.0	13.0	6.4	191.6	25.8	5.2	25.3	299.8	324.8	9.3	83.1	5.2	4.
4.4	21.6	1663.2	825.0	21.4	-36.8	199.4	29.7	9.8	28.0	311.3	312.0	0.2	1.0	6.5	7.
5.4	26.1	1929.3	800.0	21.4	-36.9	199.7	27.6	9.3	26.0	314.0	314.7	0.2	1.0	8.1	9.
6.4	29.7	2201.9	775.0	19.2	-38.2	198.7	28.5	9.1	27.0	314.5	315.1	0.2	1.0	9.6	11.
7.5	31.3	2481.6	750.0	16.8	-39.6	198.4	26.0	8.2	24.7	314.8	315.4	0.2	1.0	11.4	12.
8.6	31.9	2767.5	725.0	14.8	-40.9	196.7	23.5	6.7	22.5	315.7	316.2	0.1	1.0	13.0	13.
9.8	32.6	3060.1	700.0	12.3	-42.4	196.9	22.3	6.5	21.4	316.1	316.6	0.1	1.0	14.7	13.
11.0	33.3	3360.4	675.0	10.3	-40.3	200.5	19.4	6.8	18.2	317.2	317.9	0.2	1.0	16.2	14.
12.3	42.2	3670.2	650.0	7.5	-27.8	203.1	18.1	7.1	16.7	317.4	319.4	0.6	6.0	17.5	14.
13.8	45.9	3988.4	625.0	4.3	-29.5	202.4	19.9	7.6	18.4	317.3	319.1	0.5	6.3	18.8	15.
15.6	47.9	4320.3	600.0	1.4	-31.1	200.0	20.7	7.1	19.4	317.7	319.4	0.5	6.7	20.2	15.
15.7	51.9	4664.3	575.0	-1.8	-33.0	197.6	18.2	5.5	17.3	317.9	319.4	0.4	7.0	21.5	16.
16.9	54.3	5020.3	550.0	-5.1	-39.7	196.3	20.2	5.7	19.4	318.0	318.8	0.2	4.6	22.9	16.
18.0	57.3	5390.0	525.0	-6.3	-53.9	197.5	13.9	4.2	13.2	320.8	321.0	0.0	1.0	24.1	16.
19.4	62.3	5773.9	500.0	-9.7	-56.1	209.7	9.5	4.7	8.2	321.2	321.4	0.0	1.0	24.9	16.
20.9	63.5	6156.9	475.0	-13.1	-58.2	214.2	10.1	5.7	8.4	321.8	321.9	0.0	1.0	25.7	16.
22.3	64.9	6566.4	450.0	-15.9	-51.4	214.2	13.1	7.3	10.8	323.2	323.5	0.1	2.9	26.7	17.
23.8	7[illegible]	6993.4	425.0	-20.2	-53.1	209.9	9.7	4.9	8.5	323.1	323.3	0.1	3.4	27.8	18.
25.2	74.0	7439.9	400.0	-23.1	-54.4	201.1	11.8	4.3	11.0	325.0	325.2	0.1	3.8	28.5	18.
26.7	77.7	7907.2	375.0	-27.0	-56.3	203.1	9.9	3.9	9.1	325.9	326.1	0.0	4.3	29.6	18.
28.2	81.7	8403.3	350.0	-30.2	-59.0	217.5	14.8	9.0	11.8	328.1	328.2	0.0	4.6	30.6	18.
29.5	85.7	8926.1	325.0	-34.3	-60.4	222.2	17.7	11.9	13.1	329.4	329.5	0.0	5.1	31.8	19.
31.9	89.8	9487.4	300.0	-39.9	99.9	225.9	15.1	10.8	10.5	330.4	999.9	99.9	999.9	33.3	20.
34.9	94.2	10096.2	275.0	-44.3	99.9	999.9	99.9	99.9	99.9	331.1	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLA JMA CITY, OKLAHOMA

9 MAY 1979
1405 GMT

160 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.6	392.3	957.8	20.6	16.2	180.0	7.7	-2.6	7.2	297.3	329.5	12.2	76.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	11.4	477.5	950.0	20.9	16.3	999.9	99.9	99.9	99.9	299.4	330.6	12.1	73.7	999.9	999.
0.3	11.7	707.7	925.0	19.2	15.6	999.9	99.9	99.9	99.9	297.9	330.2	12.2	85.0	999.9	999.
1.7	14.2	982.6	900.0	16.3	15.1	999.9	99.9	99.9	99.9	298.3	330.5	12.1	92.7	999.9	999.
2.7	14.6	1132.3	875.0	14.6	13.2	999.9	99.9	99.9	99.9	299.0	328.3	11.9	91.0	999.9	999.
3.7	21.1	1427.9	850.0	14.4	13.1	208.3	23.6	11.2	20.7	301.2	331.6	11.3	92.3	4.2	7.
4.6	21.5	1721.0	825.0	13.8	12.6	217.5	21.7	13.2	17.2	303.2	333.6	11.2	92.2	5.2	13.
5.6	24.0	1993.3	800.0	13.4	8.6	206.1	18.8	8.3	16.9	305.4	333.0	8.8	72.8	6.4	19.
6.5	21.6	2210.6	775.0	17.3	-5.0	196.1	17.5	4.8	16.8	312.4	322.9	3.5	21.7	7.4	18.
7.6	18.1	2449.8	750.0	17.6	-26.5	195.1	19.5	5.1	18.9	315.7	317.7	0.6	3.6	8.4	19.
8.6	31.8	2777.8	725.0	15.6	-21.5	193.6	18.2	4.3	17.7	315.6	319.8	1.0	6.3	9.5	17.
9.4	35.6	3073.5	700.0	12.9	-23.9	198.6	17.9	5.7	17.0	316.8	319.5	0.8	8.1	10.6	17.
10.5	33.1	3377.2	675.0	12.6	-38.9	205.0	16.7	7.1	15.1	317.5	319.2	0.2	1.6	11.7	17.
11.4	41.9	3644.3	650.0	7.6	-35.3	206.3	15.5	6.8	13.9	317.5	317.9	0.1	1.0	11.0	15.
1.1	44.7	4211.3	600.0	4.0	-40.9	233.3	16.7	6.8	15.5	318.0	318.6	0.2	2.0	14.1	19.
14.2	47.6	4384.1	575.0	1.6	-33.6	231.9	20.4	7.6	19.0	318.0	319.3	0.4	5.2	15.4	19.
1.1	53.5	4941.3	550.0	-1.2	-34.1	197.0	20.2	5.9	19.3	318.6	319.9	0.4	6.0	16.9	19.
16.4	51.5	5211.4	525.0	-3.9	-36.5	196.6	20.6	5.2	20.0	319.5	320.6	0.3	5.8	18.6	19.
17.3	55.5	5504.4	500.0	-6.7	-54.2	195.9	18.8	5.2	18.1	320.4	320.6	0.0	1.0	20.1	19.
18.4	54.6	5778.3	475.0	-9.3	-55.6	193.5	16.1	3.8	15.6	322.1	322.2	0.0	1.0	21.5	18.
19.3	62.3	6172.5	450.0	-12.1	-57.6	186.6	11.6	1.3	11.5	322.9	323.1	0.0	1.0	22.4	18.
20.5	66.3	6543.3	425.0	-15.7	-58.9	190.5	12.3	2.2	12.1	323.5	323.6	0.0	1.0	23.8	17.
23.3	63.6	7211.7	400.0	-19.9	-62.0	190.9	15.6	3.0	15.3	324.7	324.8	0.0	1.0	25.3	17.
24.1	73.1	7833.4	375.0	-22.8	-64.5	194.0	14.8	3.6	14.3	325.4	325.4	0.0	1.0	26.8	17.
25.8	76.7	8433.3	350.0	-26.7	-66.5	210.3	15.1	7.6	13.0	327.3	327.3	0.0	1.0	28.4	17.
26.5	73.6	8826.2	333.3	-29.5	-61.8	222.1	16.8	11.3	12.5	329.0	329.0	0.0	1.0	29.9	18.
31.3	84.4	9450.5	325.3	-33.5	-72.6	225.4	22.0	15.7	15.5	330.5	330.5	0.0	1.1	31.7	20.
33.3	89.5	9907.6	300.3	-37.7	-71.0	223.2	24.3	15.7	18.5	332.3	332.3	0.0	1.6	34.3	22.
1.5	92.3	10133.7	275.0	-43.1	99.9	223.3	19.3	13.2	14.0	332.8	999.9	99.9	999.9	37.2	23.
37.4	97.2	10735.7	250.3	-49.3	99.9	228.2	21.0	15.6	14.0	336.2	999.9	99.9	999.9	39.7	25.
39.2	101.8	11022.2	225.0	-52.9	99.9	232.5	22.0	17.4	13.4	337.6	999.9	99.9	999.9	42.3	26.
41.3	106.9	12172.1	200.3	-54.6	99.9	223.4	23.8	16.3	17.3	340.0	999.9	99.9	999.9	45.1	28.
45.3	112.6	13295.9	175.3	-60.5	99.9	241.6	25.6	22.5	12.2	350.0	999.9	99.9	999.9	49.9	30.
49.1	119.5	13473.5	150.0	-59.0	99.9	220.9	25.1	16.4	19.0	368.4	999.9	99.9	999.9	54.0	32.
53.3	125.3	15113.9	125.0	-60.5	99.9	221.8	24.7	16.4	18.4	385.5	999.9	99.9	999.9	60.6	33.
57.7	133.0	16691.3	100.3	-63.0	99.9	224.9	22.0	15.5	15.5	406.0	999.9	99.9	999.9	66.8	34.
63.5	142.3	18493.0	75.0	-62.4	99.9	212.3	18.8	10.1	15.9	442.1	999.9	99.9	999.9	73.8	34.
70.8	153.0	20833.7	50.0	-56.0	99.9	250.0	9.4	8.9	3.2	511.6	999.9	99.9	999.9	79.4	33.
82.2	165.0	25352.1	25.0	-66.5	99.9	103.3	2.0	-2.0	0.5	651.0	999.9	99.9	999.9	77.6	33.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

9 MAY 1979
1705 GMT

158 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.8	392.3	958.7	23.3	17.3	140.0	10.3	-6.6	7.9	300.1	334.9	13.1	69.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	11.5	471.5	950.0	21.5	15.5	999.9	99.9	99.9	99.9	299.1	330.4	11.8	68.5	999.9	999.
1.1	13.9	702.6	925.0	19.8	15.5	999.9	99.9	99.9	99.9	299.5	331.8	12.1	76.5	999.9	999.
2.4	16.3	939.6	900.0	17.8	15.3	183.7	15.9	1.0	15.9	299.9	332.6	12.3	85.3	2.4	351.
3.5	18.7	1183.5	875.0	18.3	14.1	199.0	17.3	5.6	16.3	302.8	334.4	11.7	76.3	3.5	358.
4.4	21.2	1429.1	850.0	17.1	12.1	216.1	15.2	9.0	12.3	304.1	334.3	11.1	70.2	4.2	3.
5.4	23.8	1693.8	825.0	15.0	12.5	224.6	12.9	9.1	9.2	306.5	335.0	11.2	85.0	5.0	10.
6.4	26.3	1965.5	800.0	10.5	1.5	204.0	12.5	5.1	11.4	310.9	336.5	5.6	32.3	5.6	14.
7.4	29.3	2219.4	775.0	10.0	-1.8	194.9	15.8	4.1	15.2	314.3	327.3	4.3	28.4	6.4	14.
8.3	31.6	2498.9	750.0	16.7	-2.5	195.6	18.1	4.9	17.4	316.7	327.4	4.2	26.7	7.3	14.
9.2	34.3	2796.2	725.0	14.1	-2.6	197.5	19.7	5.9	18.8	315.0	327.9	4.3	30.8	8.4	14.
10.3	37.0	3091.1	700.0	12.5	-7.2	196.2	21.3	5.9	20.2	318.3	326.1	3.2	26.7	9.7	15.
11.4	39.9	3394.8	675.0	10.5	-12.8	192.2	19.6	4.1	19.1	317.4	324.1	2.1	18.0	11.1	15.
12.7	42.7	3697.1	650.0	7.7	-15.2	190.6	19.1	3.5	18.7	317.7	323.4	1.8	17.9	12.5	14.
13.9	45.6	4019.1	625.0	4.4	-17.7	193.5	18.7	4.4	18.2	317.5	322.4	1.5	18.1	13.9	14.
15.0	48.6	4348.5	600.0	1.4	-20.1	196.8	16.8	4.9	16.1	317.8	322.0	1.3	18.3	15.1	14.
16.2	51.6	4684.8	575.0	-1.9	-21.3	197.5	17.4	5.2	16.6	317.8	321.8	1.2	22.9	16.3	14.
17.2	54.5	5023.7	550.0	-4.3	-26.1	200.7	17.0	6.0	16.0	319.0	321.8	0.8	16.2	17.4	15.
18.5	57.9	5403.5	525.0	-6.9	-29.9	196.9	18.4	5.9	17.4	320.2	322.3	0.8	13.9	18.6	15.
19.5	61.3	5784.7	500.0	-9.1	-31.5	195.8	17.2	4.7	16.5	322.0	323.9	0.5	14.1	19.9	15.
21.0	64.4	6179.3	475.0	-12.3	-34.8	191.8	14.8	3.0	14.5	322.7	324.3	0.4	14.3	21.2	15.
22.4	67.9	6590.1	450.0	-15.4	-36.3	196.4	16.0	4.0	15.5	323.9	325.2	0.4	14.6	22.5	15.
23.3	71.4	7018.9	425.0	-19.0	-37.6	207.0	16.7	7.6	14.9	324.6	325.8	0.3	17.4	24.1	15.
25.9	75.0	7466.0	400.0	-23.3	-41.0	215.6	17.2	10.0	14.0	324.7	325.7	0.3	17.7	25.8	16.
27.6	79.9	7934.6	375.0	-27.0	-44.3	216.5	18.1	10.8	14.6	325.9	326.6	0.2	15.0	27.6	16.
29.5	82.9	8429.6	350.0	-29.7	-46.2	217.1	21.1	12.7	16.8	328.7	329.3	0.2	18.2	29.6	19.
31.5	86.8	8955.0	325.0	-33.1	-49.6	218.3	25.8	16.0	20.2	331.1	331.5	0.1	17.1	32.3	21.
33.4	91.2	9512.1	300.0	-37.9	99.9	224.4	22.4	15.7	16.0	332.0	999.9	99.9	999.9	34.9	22.
35.2	95.6	10105.3	275.0	-43.2	99.9	224.5	23.9	16.8	17.1	332.7	999.9	99.9	999.9	37.1	24.
37.4	100.4	10739.2	250.0	-48.6	99.9	221.7	26.1	17.4	19.5	333.8	999.9	99.9	999.9	40.3	25.
39.6	105.4	11425.0	225.0	-53.3	99.9	225.0	27.6	19.6	19.5	336.9	999.9	99.9	999.9	43.7	27.
42.0	110.8	12173.2	200.0	-59.5	99.9	223.5	28.1	19.4	20.4	338.6	999.9	99.9	999.9	47.5	28.
44.7	116.5	13001.9	175.0	-62.8	99.9	229.9	29.9	22.9	19.3	346.3	999.9	99.9	999.9	51.9	30.
48.0	122.9	13946.0	150.0	-59.3	99.9	220.9	27.4	17.9	20.7	367.9	999.9	99.9	999.9	57.0	31.
51.7	129.5	15107.0	125.0	-60.8	99.9	218.2	23.3	14.4	18.3	386.8	999.9	99.9	999.9	63.0	32.
56.2	137.0	16483.2	100.0	-59.8	99.9	224.6	23.1	16.2	16.5	412.1	999.9	99.9	999.9	69.1	33.
61.5	145.3	18271.8	75.0	-61.0	99.9	201.5	20.4	7.5	19.0	445.1	999.9	99.9	999.9	76.7	34.
68.6	154.3	20924.5	50.0	-56.0	99.9	146.3	7.6	-1.8	7.4	511.5	999.9	99.9	999.9	88.5	33.
80.1	163.0	25394.5	25.0	-48.1	99.9	999.9	99.9	99.9	99.9	646.4	999.9	99.9	999.9	78.7	32.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

9 MAY 1979
2000 GMT

105 182. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	19.6	392.3	958.0	25.6	18.5	160.0	10.3	-3.5	9.7	302.4	340.5	16.2	65.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	18.4	665.3	950.0	24.9	17.6	171.2	12.6	-1.9	12.5	302.4	338.7	13.5	64.1	0.4	348.
1.1	17.9	937.6	925.0	22.4	16.5	170.8	13.2	-2.1	13.0	302.3	336.9	12.9	69.0	0.9	350.
2.0	16.2	937.3	900.0	20.3	16.0	169.7	14.2	-2.5	13.9	302.4	337.0	12.8	75.4	1.8	353.
2.8	15.5	1140.3	875.0	17.9	15.9	173.7	13.6	-1.5	13.6	302.4	337.6	13.1	89.1	2.3	352.
3.9	21.0	1429.8	850.0	16.0	14.5	180.4	12.9	0.1	12.9	302.9	336.8	12.6	92.7	3.1	352.
4.7	23.5	1532.9	825.0	14.2	13.2	186.1	13.7	1.5	13.7	303.6	335.2	11.6	93.5	3.8	354.
5.5	24.0	1742.3	800.0	13.0	12.3	188.4	11.2	2.8	10.9	305.1	335.6	11.2	93.7	4.4	356.
6.3	28.4	2211.3	775.0	11.3	6.7	184.0	11.1	0.8	11.1	305.9	329.8	8.2	74.8	4.9	359.
7.4	31.2	2481.1	750.0	15.7	-16.7	188.7	15.4	2.3	15.2	313.6	318.0	1.4	9.3	5.7	358.
8.6	33.8	2772.9	725.0	14.8	-25.9	198.8	18.3	5.9	17.3	315.7	317.9	0.6	6.4	6.9	1.
9.7	34.7	3069.3	700.0	12.7	-27.2	197.2	20.4	6.0	19.5	316.5	318.5	0.6	6.5	8.1	4.
10.9	33.8	3371.2	675.0	10.1	-26.3	196.3	20.3	5.7	19.5	317.3	319.6	0.8	6.9	9.5	6.
12.3	42.2	3692.4	650.0	7.4	-26.3	196.7	21.3	6.1	20.4	317.3	319.5	0.6	6.6	10.9	7.
13.2	41.3	4033.7	625.0	4.6	-23.5	197.5	22.2	6.7	21.2	317.8	320.9	0.9	11.0	12.5	9.
14.4	41.0	4394.1	600.0	1.5	-28.5	198.0	21.9	6.8	20.8	317.8	319.9	0.6	8.5	14.1	10.
15.7	51.3	4778.5	575.0	-1.7	-33.5	195.1	21.6	5.6	20.9	318.0	319.8	0.5	9.9	15.6	10.
17.4	54.1	5226.3	550.0	-4.9	-32.6	196.9	22.7	6.6	21.7	318.3	319.9	0.4	9.1	17.3	11.
18.2	57.3	5349.2	525.0	-7.2	-34.3	200.7	21.5	7.6	20.1	319.7	320.7	0.3	6.2	19.1	12.
19.5	62.5	5758.4	500.0	-9.3	-44.5	201.8	18.0	6.7	16.7	321.7	322.3	0.1	3.8	20.7	12.
21.1	63.9	6163.1	475.0	-12.4	-46.3	200.6	17.4	6.1	16.3	324.6	325.1	0.1	4.1	22.3	13.
22.6	67.3	6573.7	450.0	-15.1	-47.1	197.6	18.4	5.6	17.6	329.2	329.7	0.1	4.4	23.9	13.
24.5	73.7	7002.9	425.0	-18.5	-49.1	205.9	20.6	9.0	18.5	325.2	325.6	0.1	4.8	26.1	14.
26.3	78.6	7451.6	400.0	-22.3	-51.2	215.1	20.6	11.8	16.8	326.0	326.4	0.1	5.2	28.1	15.
28.0	74.2	7922.5	375.0	-25.6	-53.2	219.0	22.8	14.4	17.7	327.7	328.0	0.1	5.5	30.2	17.
29.7	82.1	8416.1	350.0	-29.1	-52.3	223.0	23.1	15.7	16.9	329.5	329.8	0.1	4.8	32.3	19.
31.5	86.2	8944.7	325.0	-33.1	-56.9	225.3	27.5	19.6	19.4	331.0	331.3	0.1	9.2	34.8	20.
33.5	93.4	9502.4	300.0	-37.7	-57.3	227.7	25.3	18.7	17.1	332.3	332.5	0.1	10.8	37.8	23.
35.7	94.9	10095.4	275.0	-42.9	99.9	225.7	25.1	17.9	17.5	333.1	999.9	99.9	999.9	40.9	25.
38.3	99.6	10731.5	250.0	-47.9	99.9	226.8	28.5	20.7	19.5	334.8	999.9	99.9	999.9	44.1	26.
40.5	104.6	11410.3	225.0	-53.6	99.9	230.2	27.3	21.0	17.5	336.3	999.9	99.9	999.9	48.2	28.
43.5	110.9	12167.5	200.0	-58.9	99.9	999.9	99.9	99.9	99.9	339.4	999.9	99.9	999.9	52.1	30.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

9 MAY 1979
2300 GMT

160 10. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.9	392.0	957.0	25.0	17.7	150.0	9.3	-4.7	8.1	301.9	338.1	13.5	64.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	11.5	656.9	950.0	24.9	18.0	143.8	11.8	-7.0	9.5	302.4	339.6	13.8	65.8	0.5	341.
1.1	13.9	690.3	925.0	22.5	17.2	154.9	14.0	-5.9	12.6	302.3	338.6	13.5	72.1	1.0	335.
2.1	16.2	924.6	900.0	20.5	16.4	165.7	16.6	-4.1	16.1	302.6	338.1	13.2	77.7	1.9	338.
3.1	18.7	1171.7	875.0	18.0	15.6	169.4	16.5	-3.0	16.3	302.5	337.2	12.9	86.3	2.9	342.
4.1	21.1	1419.7	850.0	16.1	14.8	173.0	16.2	-2.0	16.1	303.0	337.0	12.6	92.1	3.9	344.
5.3	23.7	1673.9	825.0	14.6	12.9	177.6	15.2	-0.6	15.2	304.0	335.2	11.4	89.6	5.0	347.
6.4	26.2	1933.9	800.0	12.5	11.1	178.7	13.9	-0.3	13.9	304.5	333.2	10.5	91.4	5.9	348.
7.2	28.8	2200.5	775.0	10.9	9.7	179.8	15.7	-0.1	15.7	305.5	332.6	9.8	92.3	6.6	350.
8.1	31.3	2474.1	750.0	17.7	-39.1	187.4	17.6	2.2	17.4	315.8	316.4	0.2	1.0	7.7	352.
9.3	34.0	2756.3	725.0	16.5	-39.8	194.1	18.7	4.6	18.2	317.6	318.2	0.2	1.0	8.7	354.
10.5	36.7	3042.8	700.0	14.0	-41.3	197.3	20.1	6.0	19.1	318.0	318.5	0.1	1.0	10.0	357.
11.5	39.4	3367.2	675.0	11.3	-43.0	197.9	20.0	6.1	19.0	318.3	318.8	0.1	1.0	11.3	359.
12.7	42.3	3680.1	650.0	8.4	-44.8	202.1	19.0	7.2	17.6	318.5	318.9	0.1	1.0	12.6	2.
14.1	45.1	4001.7	625.0	5.3	-46.7	206.4	19.5	8.7	17.5	318.5	318.8	0.1	1.0	13.9	4.
15.3	48.1	4332.9	600.0	2.1	-48.6	210.7	19.6	10.0	16.9	318.6	318.9	0.1	1.0	15.2	6.
16.6	51.1	4674.2	575.0	-1.2	-50.7	210.8	20.4	10.5	17.5	318.6	318.8	0.1	1.0	16.7	9.
17.9	54.1	5026.5	550.0	-4.6	-52.7	206.6	22.5	10.1	20.1	318.9	319.1	0.1	1.0	18.2	10.
19.3	57.3	5390.9	525.0	-7.3	-54.5	203.4	24.2	9.6	22.2	319.7	319.9	0.0	1.0	20.2	12.
20.6	60.5	5770.3	500.0	-9.1	-55.7	203.4	19.6	7.8	18.0	322.0	322.2	0.0	1.0	22.0	13.
22.3	63.9	6164.3	475.0	-12.2	-57.6	203.7	20.0	8.0	18.3	322.9	323.1	0.0	1.0	23.7	14.
24.0	67.1	6575.9	450.0	-14.7	-31.3	207.3	22.5	10.3	20.0	324.8	326.9	0.6	22.6	25.9	14.
25.9	70.7	7005.3	425.0	-18.3	-34.3	220.5	21.8	14.2	16.6	325.5	327.2	0.5	22.9	28.1	16.
27.5	74.3	7455.8	400.0	-21.4	-36.9	225.3	23.3	16.6	16.4	327.2	328.6	0.4	23.0	30.3	18.
29.3	78.0	7924.1	375.0	-25.1	-39.2	228.0	25.3	18.8	16.9	328.4	329.6	0.3	25.2	32.6	20.
31.1	81.8	8425.2	350.0	-28.4	-42.1	227.7	23.7	17.5	15.9	330.4	331.4	0.3	25.3	34.9	22.
33.1	85.8	8952.9	325.0	-32.7	-45.5	228.2	24.5	18.3	16.3	331.6	332.3	0.2	25.6	37.6	24.
35.3	90.0	9511.7	300.0	-37.2	-49.6	231.5	26.1	20.4	16.3	332.9	333.4	0.1	25.8	40.6	26.
37.5	94.4	10106.7	275.0	-42.2	99.9	236.3	22.6	18.8	12.5	334.1	999.9	99.9	999.9	43.8	28.
40.1	99.0	10743.3	250.0	-47.7	99.9	240.6	23.5	20.5	11.6	335.2	999.9	99.9	999.9	46.8	30.
42.9	103.8	11430.4	225.0	-53.0	99.9	239.4	24.2	20.8	12.3	337.3	999.9	99.9	999.9	50.1	33.
46.1	109.0	12180.5	200.0	-58.2	99.9	244.0	26.0	23.4	11.4	340.6	999.9	99.9	999.9	54.4	35.
49.3	114.6	13012.4	175.0	-62.4	99.9	244.7	29.7	26.8	12.7	347.0	999.9	99.9	999.9	59.1	38.
53.0	120.8	13970.2	150.0	-59.9	99.9	229.6	30.0	22.9	19.5	367.8	999.9	99.9	999.9	65.7	39.
57.4	127.5	15136.9	125.0	-62.1	99.9	224.4	29.4	20.6	21.0	382.5	999.9	99.9	999.9	73.3	40.
62.4	135.0	16490.2	100.0	-62.4	99.9	221.0	21.5	14.1	16.2	407.2	999.9	99.9	999.9	80.7	41.
68.9	143.3	18251.0	75.0	-63.7	99.9	178.6	18.5	-0.5	18.5	439.3	999.9	99.9	999.9	88.6	39.
78.1	153.0	20798.7	50.0	-57.0	99.9	112.2	7.0	-6.5	2.6	508.2	999.9	99.9	999.9	90.0	38.
91.6	163.0	25287.7	25.0	-46.8	99.9	347.7	6.8	1.4	-6.7	650.2	999.9	99.9	999.9	87.6	38.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

10 MAY 1979
201 GMT

848 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.1	392.0	957.0	23.3	14.4	130.0	8.2	-6.3	5.3	300.2	337.6	14.1	74.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
1.1	10.7	656.4	950.0	23.2	14.4	999.9	99.9	99.9	99.9	300.8	339.6	14.2	74.3	999.9	999.
1.2	12.9	684.0	925.0	21.2	17.9	999.9	99.9	99.9	99.9	301.0	338.4	16.0	83.8	999.9	999.
2.0	15.3	925.3	900.0	18.9	17.2	999.9	99.9	99.9	99.9	300.9	337.8	15.9	90.3	1.9	331.
2.7	17.5	1164.2	875.0	17.0	16.3	140.8	24.2	-7.9	22.9	301.4	336.9	15.2	93.9	2.9	334.
3.6	19.7	1405.9	850.0	15.1	14.1	168.7	22.9	-4.5	22.5	302.0	336.4	12.0	93.7	4.1	337.
4.6	22.1	1654.0	825.0	13.5	12.3	177.0	20.9	-1.1	20.9	302.9	332.7	11.0	91.9	5.4	341.
5.6	24.5	1924.2	800.0	12.1	9.4	143.6	19.0	1.2	19.0	304.0	329.8	9.4	86.3	6.5	344.
6.6	26.9	2197.3	775.0	10.1	-34.9	148.4	19.8	2.9	19.4	313.3	313.9	0.2	1.0	7.5	347.
7.5	29.3	2477.2	750.0	17.6	-32.2	192.4	19.7	4.2	19.2	315.7	316.3	0.2	1.3	8.6	353.
8.4	31.8	2764.5	725.0	14.5	-7.3	190.1	20.9	3.7	20.5	315.3	324.9	3.1	21.9	9.9	353.
9.6	34.3	3059.6	700.0	12.2	-6.9	190.1	21.1	3.7	20.8	316.0	324.6	2.8	22.0	11.1	355.
10.6	36.9	3362.8	675.0	10.1	-13.6	194.4	20.2	5.0	19.6	317.0	324.9	2.5	22.1	12.3	357.
11.7	39.5	3675.1	650.0	7.6	-17.5	193.7	19.5	6.6	18.3	317.3	324.3	2.2	22.2	13.4	359.
12.9	42.2	3996.3	625.0	4.3	-19.3	201.9	20.5	7.6	19.0	317.4	323.3	1.9	22.4	14.6	1.
14.2	44.9	4325.7	600.0	1.2	-17.9	205.5	19.4	8.3	17.5	317.5	322.5	1.6	22.6	15.9	2.
15.4	47.8	4664.4	575.0	-2.0	-20.5	208.0	17.8	8.4	15.7	317.7	321.9	1.3	22.7	17.1	4.
16.1	50.6	5017.4	550.0	-5.1	-23.0	209.5	19.2	9.4	16.7	318.1	321.7	1.1	22.9	18.1	6.
17.3	53.5	5382.1	525.0	-8.4	-25.2	211.7	20.0	10.5	17.0	320.8	323.9	0.9	23.7	19.4	7.
18.4	56.5	5761.4	500.0	-9.4	-27.6	211.2	21.1	10.9	18.0	321.6	324.2	0.8	23.9	20.8	9.
19.1	59.5	6157.3	475.0	-11.6	-29.4	207.7	25.1	11.7	22.2	323.7	326.1	0.7	21.1	22.8	11.
21.1	62.4	6570.6	450.0	-15.2	-32.4	212.8	23.7	12.7	20.1	324.1	326.0	0.6	21.3	24.9	13.
23.0	65.3	6999.4	425.0	-18.9	-62.0	217.6	21.5	13.1	17.0	324.7	324.8	0.0	1.0	26.6	14.
24.6	67.6	7444.9	400.0	-22.0	-64.0	217.5	24.4	14.8	19.4	326.4	326.4	0.0	1.0	28.5	16.
26.4	72.3	7911.3	375.0	-26.4	-65.5	222.5	25.4	17.2	18.8	329.2	329.3	0.0	1.0	30.9	18.
28.2	75.6	8414.4	350.0	-27.1	-69.6	229.3	25.1	19.0	16.3	329.6	329.6	0.0	1.0	33.5	20.
30.1	79.3	8953.6	325.0	-32.7	-64.2	228.9	24.5	18.4	16.1	331.6	331.7	0.0	2.6	36.1	23.
32.1	84.3	9534.4	300.0	-36.9	-70.1	225.1	23.6	18.7	16.7	333.4	333.4	0.0	1.7	38.5	24.
34.1	84.4	10159.6	275.0	-42.0	99.9	225.7	25.0	17.9	17.4	334.5	999.9	99.9	999.9	41.4	26.
35.3	92.9	10832.6	250.0	-47.8	99.9	227.7	24.6	18.2	16.5	335.0	999.9	99.9	999.9	44.4	27.
39.3	97.6	11561.3	225.0	-53.3	99.9	234.1	24.6	19.7	14.3	336.8	999.9	99.9	999.9	48.2	29.
41.9	102.4	12356.7	200.0	-59.2	99.9	238.0	23.0	22.5	4.8	340.8	999.9	99.9	999.9	51.6	31.
44.7	107.8	13233.4	175.0	-62.7	99.9	272.8	20.9	20.9	-1.0	346.5	999.9	99.9	999.9	53.4	35.
48.3	113.9	14244.6	150.0	-63.6	99.9	231.8	26.9	21.1	16.7	360.6	999.9	99.9	999.9	56.6	37.
52.5	121.3	15369.6	125.0	-63.7	99.9	224.2	29.8	20.8	21.2	379.7	999.9	99.9	999.9	64.9	38.
57.5	127.3	16431.9	100.0	-64.5	99.9	210.4	22.7	11.5	19.6	403.2	999.9	99.9	999.9	73.8	38.
64.2	135.3	17803.1	75.0	-61.9	99.9	196.1	14.4	4.0	13.9	443.2	999.9	99.9	999.9	80.7	38.
73.1	144.3	19725.9	50.0	-60.2	99.9	243.0	8.6	7.6	3.9	501.7	999.9	99.9	999.9	81.2	36.
84.7	153.7	25204.5	25.0	-49.3	99.9	20.5	6.5	-2.3	-6.1	663.2	999.9	99.9	999.9	75.7	35.

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STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

10 MAY 1979
505 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	19.8	322.0	957.0	22.8	18.3	140.0	7.2	-4.6	5.5	299.7	336.9	14.0	76.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	11.5	656.3	950.0	22.6	18.6	158.6	18.1	-6.6	16.8	300.1	338.2	14.4	78.2	0.4	340.
0.9	13.8	885.5	925.0	20.8	18.6	160.6	18.8	-6.2	17.6	300.6	339.8	14.8	87.5	0.9	339.
1.4	16.2	925.5	903.0	19.6	17.4	163.0	22.0	-6.4	21.0	300.6	338.1	14.1	93.2	1.8	341.
2.0	19.6	1167.5	875.0	16.8	15.8	166.9	25.7	-5.8	25.0	301.3	336.2	13.1	93.6	3.0	342.
3.3	21.1	1414.9	850.0	15.1	14.1	173.3	28.3	-3.3	28.1	302.0	334.4	12.0	93.6	4.2	344.
4.2	23.6	1668.0	825.0	13.2	12.0	178.4	27.0	-0.8	27.0	302.6	331.8	10.7	91.9	5.7	347.
5.2	25.1	1927.0	800.0	11.8	10.7	185.3	22.0	2.0	21.9	303.7	331.6	10.2	93.3	7.2	350.
6.1	25.7	2192.1	775.0	9.3	0.7	187.2	21.7	2.7	21.5	303.8	328.7	5.2	55.2	8.2	353.
7.0	31.3	2468.2	750.0	16.5	-33.9	196.5	21.5	6.1	20.6	314.5	315.0	0.2	1.0	9.3	355.
8.2	34.9	2755.0	725.0	14.8	-40.3	198.4	22.2	7.0	21.1	315.7	316.2	0.1	1.0	10.8	358.
9.3	36.4	3063.9	700.0	12.6	-42.2	201.2	22.3	8.1	20.8	316.4	316.9	0.1	1.0	12.2	1.
10.5	37.2	3352.8	675.0	9.7	-44.0	204.3	22.9	9.4	20.8	316.5	316.9	0.1	1.0	13.6	3.
11.5	42.3	3663.9	650.0	6.9	-45.7	206.9	23.2	10.5	20.7	316.8	317.2	0.1	1.0	15.0	5.
12.6	44.9	3994.3	625.0	4.4	-47.2	210.2	22.7	11.5	19.7	317.5	317.8	0.1	1.0	16.3	7.
13.7	47.4	4314.4	600.0	1.5	-49.3	208.9	25.2	11.4	22.4	317.9	318.1	0.1	1.0	17.9	9.
14.9	50.7	4654.9	575.0	-1.9	-51.1	207.1	24.4	11.1	21.8	317.8	318.0	0.1	1.0	19.5	11.
15.9	53.7	5014.1	550.0	-4.8	-52.9	208.8	26.5	12.8	23.2	318.5	318.6	0.0	1.0	21.0	12.
17.1	56.9	5373.4	525.0	-6.9	-54.3	216.2	22.4	13.2	18.1	320.2	320.3	0.0	1.0	22.7	14.
18.4	60.0	5749.4	500.0	-9.3	-55.8	220.0	19.7	12.7	15.1	321.8	321.9	0.0	1.0	24.1	15.
19.7	63.3	6143.3	475.0	-12.9	-44.4	218.7	21.3	13.3	16.6	322.0	322.5	0.2	5.1	25.7	17.
21.2	66.6	6552.8	450.0	-15.8	-53.1	215.7	21.0	12.3	17.1	323.4	323.7	0.1	3.4	27.4	18.
22.9	73.3	6981.2	425.0	-18.8	-61.3	210.3	22.4	11.3	19.3	324.9	325.0	0.0	1.0	29.4	19.
24.4	73.8	7430.7	400.0	-21.4	-63.5	209.0	22.0	10.6	19.2	327.2	327.3	0.0	1.0	31.5	20.
26.1	77.2	7902.4	375.0	-25.4	-66.1	212.8	24.5	13.3	20.6	328.0	328.1	0.0	1.0	33.9	20.
27.9	81.0	8400.3	350.0	-28.9	-68.4	999.9	99.9	99.9	99.9	329.8	329.9	0.0	1.0	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

10 MAY 1979
805 GMT

95 222. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DEG K	E POT T DEG K	MIX RTO GM/KG	RH PCT	RANGE KM	AZ DEG
.03	13.6	332.3	977.7	22.9	14.3	150.0	8.2	-4.1	7.1	293.5	334.2	14.6	74.0	0.3	0.
9999	9999	9999	1333.3	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	9999.9	9999.9	999.
9999	99.9	9999	975.3	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	9999.9	9999.9	999.
.06	11.6	9999	970.3	21.2	99.9	999.9	99.9	9999	9999	293.7	9999.9	99.9	9999.9	9999.9	999.
.09	13.7	9999	968.3	20.7	99.9	999.9	99.9	9999	9999	293.5	9999.9	99.9	9999.9	9999.9	999.
0.7	15.1	9999	965.3	19.1	99.9	9999.9	99.9	99.9	99.9	301.2	9999.9	99.9	9999.9	1.8	352.
2.5	11.5	1157.9	937.3	11.0	9999	1180.2	24.3	3.4	24.0	332.5	9999.9	99.9	9999.9	3.3	350.
3.6	10.9	1218.3	9?3.3	10.6	99.9	1?.0	23.7	4.9	23.1	333.5	9999.9	99.9	9999.9	4.3	2.
4.1	21.6	1257.2	915.3	14.7	99.9	1?.0	23.1	5.5	22.9	334.2	9999.9	99.9	9999.9	5.0	4.
4.3	19.9	1?7.?	9?3.3	13.3	99.9	1?.0	23.0	7.2	21.?	333.3	9999.9	99.9	9999.9	6.3	6.
4.7	24.6	9999	877.3	13.4	9.6	191.5	21.8	8.3	1?.3	335.6	3324.6	9.8	91.5	7.2	8.
5.3	21.3	9999	9999	9.6	7.9	1?.8	21.2	9.?	19.3	3?7.3	332.3	9.3	88.6	8.3	9.
7.1	11.7	9999	9999	13.9	-43.3	39.6	19.5	9.6	17.3	311.3	9999.9	0.1	1.0	9.3	11.
9.3	35.3	9999	9999	11.0	-43.2	219.9	15.8	10.1	12.1	314.5	315.1	0.1	1.0	4.3	13.
9.3	9999	3391.3	9?3.3	1.6	-44.6	225.6	15.8	11.3	11.1	315.3	315.7	0.1	1.0	10.7	15.
1?.2	41.3	3?1?.1	9?3.3	9.2	-45.1	229.1	16.6	11.9	11.5	316.3	9999.9	0.1	1.0	11.5	19.
11.3	9999	3?7.7	9999	3.9	-47.?	219.4	21.8	12.9	17.5	316.4	317.2	0.1	1.0	12.9	21.
9999	47.8	9?1.9	9?3.3	1.1	-49.3	230.3	22.2	14.1	17.3	317.4	317.9	0.1	1.0	14.4	22.
1?.7	9999	9999	9?3.3	-1.9	-51.1	209.9	23.0	18.4	23.5	317.9	318.1	0.1	1.0	16.3	23.
19.4	99.9	9?3?.7	9?3.3	-4.9	-53.1	208.4	23.2	18.3	23.8	319.2	319.4	0.0	1.0	17.7	23.
9999	9999	9?3?.?	9?5.3	-7.4	-54.3	23?.4	22.5	9.9	20.3	31?.3	319.2	0.0	1.0	19.4	23.
1?.1	9999	9?1.9	9?3.3	-13.2	-56.4	235.5	20.4	8.9	18.4	323.6	323.8	0.0	1.0	21.1	24.
9999	9?.3	612.9	875.3	-12.3	-57.7	231.6	23.6	7.6	19.2	322.9	322.9	0.0	1.0	22.9	24.
9999	9.3	9?1.9	9?3.3	-13.5	-58.5	208.7	18.7	6.6	17.5	323.4	323.1	0.1	3.5	24.4	23.
9999	9999	9999.3	825.3	-17.6	-61.1	231.2	22.5	8.2	21.3	326.4	326.5	0.0	1.0	26.7	23.
21.3	21.6	7?17.7	9?3.3	-23.7	-62.7	236.8	24.5	11.3	21.9	3?6.8	3?6.9	0.0	1.0	29.1	23.
9999	99.9	7?1.9	775.3	-23.6	-66.9	213.9	24.4	13.6	23.6	333.6	333.7	0.0	1.0	31.5	24.
9999	91.3	9?1.9	9?3.3	-27.7	-67.7	214.6	25.3	15.9	23.9	331.4	331.6	0.0	1.0	33.9	25.
9999	9999	9?1.9	9?3.3	-31.3	-70.7	223.2	26.3	19.2	19.3	332.2	332.2	0.0	1.0	36.6	26.
1?.9	9999	9?1.9	9?3.3	-35.5	-73.5	224.6	24.2	17.0	17.2	333.4	333.3	0.0	1.0	39.5	27.
1?.2	91.3	1?37.??	775.3	-41.1	99.9	224.3	24.7	17.2	17.6	335.7	9999.9	99.9	9999.9	42.5	29.
9999	9999	1371.9	2?3.3	-45.6	99.9	9999.9	99.9	99.9	99.9	336.9	9999.9	99.9	9999.9	45.9	31.
1?.3	131.6	1141.??	225.3	-53.6	99.9	939.9	99.9	99.9	99.9	340.3	9999.9	99.9	9999.9	9999.9	999.
9999	9999	9999	233.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	9999.9	99.9	9999.9	9999.9	999.
9999	9999	9999	175.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	9999.9	99.9	9999.9	9999.9	999.
9999	99.9	9999	153.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	9999.9	99.9	9999.9	9999.9	999.
9999	9999	9999	125.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	9999.9	99.9	9999.9	9999.9	999.
9999	99.9	9999	100.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	9999.9	99.9	9999.9	9999.9	999.
9999	9999	9999	75.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	9999.9	99.9	9999.9	9999.9	999.
9999	9999	9999	50.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	9999.9	99.9	9999.9	9999.9	999.
9999	9999	9999	25.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	9999.9	99.9	9999.9	9999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
+ BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 353
OKLAHOMA CITY, OKLAHOMA

18 MAY 1979
1100 GMT

SB 466. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	13.7	392.3	959.0	21.1	18.9	140.0	5.1	-3.3	3.9	297.8	335.8	14.5	87.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	11.6	674.2	950.0	21.2	19.5	169.9	12.8	-2.2	12.6	298.7	338.8	15.2	89.9	0.4	327.
0.9	14.1	795.6	925.0	19.7	18.9	179.7	14.9	-0.1	14.9	299.5	339.3	15.1	95.1	0.7	338.
1.9	16.6	982.3	900.0	18.6	17.4	189.3	17.7	2.9	17.5	300.6	338.1	14.1	93.0	1.6	350.
2.8	19.2	1184.4	875.0	18.2	16.8	199.0	19.2	6.3	18.2	302.7	335.7	12.2	80.2	2.8	2.
3.6	21.7	1403.6	850.0	17.1	13.6	206.0	18.6	8.1	16.7	304.1	335.8	11.6	79.6	3.5	8.
4.6	24.3	1636.2	825.0	15.4	12.5	207.7	18.0	8.4	16.0	306.8	335.3	11.1	83.0	4.6	12.
5.5	27.0	1883.3	800.0	13.4	11.4	213.9	17.6	9.8	14.6	305.4	335.4	10.9	90.0	5.8	15.
6.6	29.7	2216.7	775.0	12.1	9.9	219.6	16.9	10.8	13.1	306.8	334.3	9.9	85.8	6.5	19.
7.5	32.3	2431.6	750.0	10.6	8.2	219.8	16.6	10.6	12.8	308.1	333.7	9.2	85.3	7.4	22.
8.5	35.1	2771.4	725.0	8.7	7.5	224.8	16.6	11.7	11.8	309.0	334.4	9.0	92.2	8.4	26.
9.5	37.9	3046.5	700.0	8.2	1.7	230.2	16.9	13.0	10.8	311.6	329.6	6.2	63.9	9.2	26.
10.6	40.8	3329.9	675.0	7.7	-6.3	225.9	19.2	13.8	13.4	314.3	327.0	4.2	63.3	10.3	29.
11.7	43.7	3674.7	650.0	5.6	-11.9	214.6	17.3	10.8	13.5	315.3	322.7	2.4	27.1	11.5	30.
12.9	46.6	3993.1	625.0	3.2	-25.5	214.8	17.2	9.8	14.2	316.1	319.6	0.8	10.0	12.6	31.
14.1	49.6	4323.3	600.0	0.5	-26.6	215.9	19.8	11.6	16.0	316.7	319.1	0.7	10.9	14.1	31.
15.4	52.7	4662.6	575.0	-2.3	-26.7	213.4	19.6	10.8	16.4	317.4	320.0	0.8	13.9	15.6	32.
15.5	55.9	5013.3	550.0	-4.8	-53.1	210.2	20.3	10.2	17.6	318.4	319.8	0.1	2.2	16.9	32.
17.3	54.3	5379.3	525.0	-6.0	-53.7	211.7	22.2	11.7	18.9	321.3	321.5	0.0	1.0	18.7	31.
19.2	62.3	5759.5	501.0	-9.5	-36.2	999.9	99.9	99.9	99.9	322.7	323.7	0.3	6.9	999.9	999.
21.8	65.7	6156.3	475.0	-11.6	-40.1	999.9	99.9	99.9	99.9	323.6	324.5	0.2	7.3	999.9	999.
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEXAS

9 MAY 1979
1110 GMT

154 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO G/KG	RH PCT	RANGE KM	AZ DG
.0	19.3	1336.3	877.3	17.8	15.1	220.0	7.2	4.6	5.5	332.1	335.5	12.4	86.3	0.0	0.
999.9	9999.9	9999.9	1333.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	9999.9	99.9	999.9	999.9	999.
999.9	9999.9	9999.9	875.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	9999.9	99.9	999.9	999.9	999.
999.9	9999.9	9999.9	850.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	9999.9	99.9	999.9	999.9	999.
999.9	9999.9	9999.9	825.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	9999.9	99.9	999.9	999.9	999.
.0	1.2	1313.7	875.3	17.9	15.1	221.1	8.5	5.6	6.4	332.4	336.0	12.5	86.0	0.1	8.
.0	4.6	1313.7	850.0	17.9	15.0	226.8	15.5	11.3	10.6	330.2	334.5	12.7	83.1	0.9	63.
1.0	7.1	1314.6	825.3	16.2	12.6	226.4	17.0	12.3	11.7	330.7	336.5	11.2	77.5	1.8	66.
3.0	7.9	1315.1	812.3	16.2	10.3	228.1	17.1	12.7	11.4	330.3	333.9	9.9	77.2	3.0	66.
6.3	6.3	1314.3	775.3	12.8	-1.3	240.0	13.3	11.5	6.7	327.6	329.1	6.7	39.9	3.9	67.
7.0	5.8	1313.7	762.3	11.9	-6.1	243.7	14.2	12.8	6.3	329.6	329.1	3.2	24.3	4.6	51.
7.1	5.6	1313.6	750.0	11.1	-7.5	232.7	15.5	12.3	9.4	331.7	330.7	3.0	25.3	5.7	52.
7.2	5.2	1313.7	733.3	9.2	-9.3	229.2	16.3	11.2	11.5	332.7	331.2	2.8	25.4	6.6	51.
7.6	7.3	1314.3	725.3	9.2	-14.5	213.4	21.2	11.7	17.7	334.8	330.5	1.8	18.2	7.3	49.
7.6	8.4	1315.1	712.3	8.8	-16.6	234.0	25.3	11.9	22.4	336.4	331.6	1.6	17.1	9.4	65.
8.7	8.7	1315.4	700.0	8.1	-16.3	231.7	24.8	9.2	23.3	337.1	332.5	1.7	20.5	11.3	61.
11.4	8.5	1315.2	675.3	7.4	-17.3	231.7	28.2	10.4	26.2	337.8	332.2	1.4	19.5	12.9	59.
14.2	7.5	1314.5	650.0	5.5	-20.4	230.7	28.2	10.0	26.6	338.4	332.5	1.3	21.1	15.0	57.
16.	6.5	1313.9	637.3	4.7	-19.1	234.4	28.8	11.9	26.3	338.5	333.5	1.5	31.3	17.2	55.
17.3	5.5	1313.2	625.3	4.0	-22.5	208.8	30.7	14.8	26.9	338.8	332.8	1.2	33.7	19.8	54.
17.4	4.9	1312.7	612.3	-13.8	-25.6	210.4	28.2	14.3	24.4	339.9	333.0	0.9	24.3	22.3	53.
17.4	6.3	1312.1	600.0	-13.1	-21.9	214.3	32.1	18.1	26.5	321.8	326.3	1.4	47.5	24.8	53.
17.3	8.4	1311.4	587.3	-15.4	-25.3	216.1	31.0	18.2	25.0	323.2	327.4	1.0	43.8	27.7	53.
21.4	8.8	1311.0	575.3	-17.9	-31.4	214.6	31.1	17.7	25.6	326.1	328.3	0.6	29.3	30.3	54.
23.1	7.3	1310.9	562.3	-21.6	-37.3	212.9	32.0	17.4	26.3	326.9	328.3	0.4	23.3	33.3	54.
27.3	7.4	1310.8	550.0	-29.2	-38.3	210.9	29.5	15.1	25.3	326.9	328.3	0.4	31.9	36.5	54.
29.4	8.7	1310.6	537.3	-29.3	-44.3	208.9	26.4	12.8	23.2	329.3	329.8	0.1	13.0	39.6	53.
29.7	8.7	1310.4	525.3	-34.1	-52.7	207.9	24.9	10.0	22.4	329.8	330.0	0.1	13.2	42.4	53.
1.0	9.4	1310.1	512.3	-39.2	-44.9	209.7	35.10	17.4	30.5	330.1	999.9	99.9	999.9	46.3	52.
1.7	9.3	1309.9	500.0	-44.4	-49.3	218.2	29.70	18.4	23.3	330.9	999.9	99.9	999.9	50.4	51.
1.2	9.7	1309.7	487.3	-47.6	999.9	220.1	32.50	21.0	24.9	332.3	999.9	99.9	999.9	55.1	53.
17.7	10.6	1309.5	475.3	-50.0	99.9	222.1	32.80	22.0	24.3	332.6	999.9	99.9	999.9	59.9	54.
45.1	10.8	1309.5	462.3	-62.4	99.9	223.4	32.70	22.5	23.8	334.0	999.9	99.9	999.9	65.0	54.
61.5	11.6	1309.6	450.0	-61.4	99.9	224.6	45.70	32.0	32.7	348.6	999.9	99.9	999.9	71.8	55.
67.1	11.9	1309.9	437.3	-59.4	99.9	227.7	51.20	23.1	21.0	368.2	999.9	99.9	999.9	81.6	57.
51.5	12.3	1310.3	425.0	-63.7	99.9	221.9	27.70	18.5	20.7	385.1	999.9	99.9	999.9	87.6	57.
56.2	13.3	1310.9	412.3	-62.1	99.9	191.5	24.70	4.9	24.2	407.8	999.9	99.9	999.9	96.8	57.
62.5	14.3	1311.7	400.0	-62.3	99.9	153.9	16.20	-7.1	14.6	442.4	999.9	99.9	999.9	100.2	58.
71.3	15.5	1312.4	387.3	-51.1	99.9	301.3	7.80	6.7	-4.1	518.4	999.9	99.9	999.9	103.9	57.
83.8	16.0	1313.4	375.0	-47.3	999.9	99.9	99.9	99.9	99.9	648.6	999.9	99.9	999.9	104.2	56.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEXAS

9 MAY 1979
1410 GMT

152 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DCv PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	18.5	1096.0	879.4	15.0	9.4	350.0	6.2	1.1	-6.1	298.9	321.8	8.5	69.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.2	18.9	1136.5	875.0	15.10	99.9	999.9	99.9	99.9	99.9	299.4	999.9	99.9	999.9	999.9	999.
0.8	21.4	1381.5	850.0	15.30	99.9	999.9	99.9	99.9	99.9	302.1	999.9	99.9	999.9	999.9	999.
1.9	23.9	1636.5	825.0	14.9	6.9	999.9	99.9	99.9	99.9	304.4	325.5	7.6	58.5	999.9	999.
2.6	24.6	1895.1	800.0	14.5	1.3	999.9	99.9	99.9	99.9	306.6	321.9	5.3	41.8	999.9	999.
3.6	25.9	2162.6	775.0	13.0	-2.2	999.9	99.9	99.9	99.9	307.8	320.1	4.2	34.7	0.5	66.
4.5	31.5	2437.3	750.0	10.9	-4.2	225.7	6.1	4.3	4.2	308.4	319.4	3.7	34.3	0.7	59.
5.4	34.1	2719.2	725.0	9.7	-5.0	220.6	10.5	6.8	8.0	310.1	320.9	3.6	35.0	1.2	54.
6.4	36.8	3009.4	700.0	7.9	-6.1	220.7	13.7	8.9	10.4	311.2	321.6	3.5	36.4	1.9	47.
7.5	39.6	3309.4	675.0	6.0	-8.7	222.1	17.2	11.5	12.8	312.4	321.3	2.9	33.8	2.9	46.
8.6	42.3	3618.6	650.0	4.6	-12.6	214.5	22.7	12.9	18.7	314.2	321.1	2.2	27.4	4.1	44.
9.5	45.1	3936.9	625.0	2.2	-14.8	208.2	23.8	11.3	21.0	315.0	321.1	1.9	27.1	5.5	41.
10.7	48.0	4262.6	600.0	-0.6	-16.8	205.5	25.6	11.0	23.1	315.4	320.8	1.7	28.0	7.1	37.
11.9	51.3	4601.4	575.0	-2.6	-23.5	202.1	28.7	10.8	26.6	316.9	320.2	1.0	13.2	8.8	35.
13.0	54.0	4952.4	550.0	-5.1	-26.6	200.5	32.2	11.3	30.2	318.0	320.7	0.8	10.5	11.0	32.
14.2	57.1	5310.0	525.0	-8.1	-22.3	199.9	30.8	10.5	29.0	318.8	322.7	1.2	30.7	13.4	30.
15.5	60.3	5693.0	500.0	-11.4	-19.4	201.0	30.4	10.9	28.4	319.2	324.5	1.6	51.1	15.6	28.
16.4	63.4	6096.5	475.0	-14.3	-21.6	205.0	31.3	13.2	28.4	320.2	329.9	1.4	53.7	18.0	28.
17.3	66.8	6492.3	450.0	-17.0	-25.1	211.4	34.9	18.2	29.8	321.9	335.8	1.1	49.3	20.4	28.
18.3	70.1	6923.0	425.0	-18.6	-29.1	215.6	35.6	20.7	28.9	325.2	338.0	0.8	38.8	23.1	28.
20.7	73.7	7370.5	400.0	-20.9	-41.8	215.6	33.7	19.6	27.4	327.9	338.8	0.2	13.2	26.8	29.
22.2	77.4	7843.8	375.0	-25.1	-46.5	213.3	34.0	18.6	28.4	328.4	329.0	0.2	11.4	29.0	30.
23.7	81.3	8340.7	350.0	-27.6	-50.0	210.2	34.9	17.6	30.2	328.9	329.3	0.1	11.6	32.2	30.
25.4	85.3	8866.2	325.0	-34.4	-53.1	208.5	33.8	16.1	29.7	329.3	329.6	0.1	12.8	35.8	30.
27.3	89.4	9418.5	300.0	-39.0	99.9	211.9	35.8	16.9	30.4	330.5	999.9	99.9	999.9	39.6	30.
29.2	93.8	13033.3	275.0	-43.9	99.9	215.8	34.2	20.8	27.8	331.7	999.9	99.9	999.9	43.7	30.
31.1	98.5	10642.2	250.0	-49.2	99.9	215.9	39.8	23.4	32.3	333.0	999.9	99.9	999.9	47.8	31.
33.1	103.4	11324.6	225.0	-54.9	99.9	216.2	42.7	19.3	26.4	334.4	999.9	99.9	999.9	52.4	31.
35.5	108.9	12066.9	200.0	-61.1	99.9	217.8	38.5	23.6	30.4	336.1	999.9	99.9	999.9	57.1	32.
38.3	114.5	12885.1	175.0	-67.0	99.9	224.5	48.99	28.6	29.2	339.3	999.9	99.9	999.9	63.8	33.
41.5	120.9	13843.0	150.0	-60.2	99.9	220.6	36.00	22.2	25.8	366.3	999.9	99.9	999.9	71.3	34.
44.7	127.8	14993.4	125.0	-61.1	99.9	216.9	31.70	19.0	25.3	387.3	999.9	99.9	999.9	77.4	34.
48.2	135.7	16356.1	100.0	-62.4	99.9	224.7	22.40	15.8	15.9	407.1	999.9	99.9	999.9	85.3	35.
55.0	144.7	18152.5	75.0	-62.3	99.9	205.0	15.1	6.4	13.7	442.3	999.9	99.9	999.9	90.8	38.
62.7	154.5	20721.9	50.0	-55.2	99.9	137.3	10.5	-7.1	7.7	513.3	999.9	99.9	999.9	94.7	34.
74.8	164.3	25726.5	25.0	-48.5	99.9	999.9	99.9	99.9	99.9	645.5	999.9	99.9	999.9	94.7	33.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEXAS

9 MAY 1979
1700 GMT

152 12. 0

TIME MIN	CORCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.4	1936.3	829.8	23.6	11.5	360.0	3.6	0.0	-3.6	304.7	331.6	9.8	56.0	0.0	0.
9**.9	**.9	***.*	1333.3	**.9	**.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
***.*	**.9	***.*	975.3	**.9	**.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
***.*	**.9	***.*	950.3	**.9	**.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
***.*	**.9	***.*	***.3	**.9	**.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
9**.9	**.9	99.9	933.3	9*.*	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
.*1	19.8	1141.3	925.0	25.2	10.6	129.8	2.6	-2.3	1.6	304.7	330.3	9.3	56.2	0.1	123.
3.3	21.2	1390.2	850.3	16.9	9.4	31.9	2.7	-1.4	-2.3	303.8	328.0	8.7	61.1	0.2	181.
1.5	23.6	1644.2	925.3	18.9	8.5	96.6	3.0	-2.9	0.3	334.2	329.0	8.6	66.6	0.3	196.
2.5	26.2	1936.3	900.3	19.9	8.2	172.6	7.0	-0.9	7.0	336.1	331.6	9.2	72.6	0.2	249.
3.7	28.7	2182.6	775.3	11.5	-1.4	189.8	9.4	1.6	9.3	338.4	321.4	4.5	35.6	0.6	340.
4.7	31.3	2447.9	750.3	12.1	-3.3	194.5	14.9	5.0	14.0	309.7	321.3	3.9	33.5	1.2	0.
5.8	33.9	2713.7	725.3	9.9	-4.8	205.3	18.5	7.9	16.8	310.4	321.4	3.7	34.9	2.2	11.
6.9	36.5	3021.3	700.3	7.6	-6.2	209.6	21.7	10.7	18.9	310.9	321.2	3.4	36.8	3.1	16.
7.9	39.2	3323.3	675.3	5.3	-7.6	210.1	23.6	11.8	20.4	312.4	321.5	3.0	34.6	4.2	20.
9.1	41.9	3629.1	650.3	3.0	-9.0	210.8	23.9	12.3	20.6	313.5	322.2	2.8	36.0	5.5	22.
10.4	44.8	3945.2	625.3	2.1	-10.9	208.6	25.7	12.4	22.5	314.9	323.2	2.7	37.7	7.1	24.
11.5	47.5	4278.7	600.3	0.5	-12.2	207.9	28.2	11.0	26.0	316.7	324.5	2.5	37.8	9.2	25.
11.4	50.5	4613.3	575.3	-1.9	-15.9	210.9	29.5	10.5	27.6	317.8	324.0	1.9	33.1	11.6	24.
13.1	53.5	4965.3	550.3	-4.4	-15.7	208.0	31.2	10.7	29.3	319.3	325.8	2.0	34.9	13.8	23.
14.6	56.5	5332.3	525.3	-7.1	-15.9	208.0	31.9	10.9	30.0	319.9	326.6	2.1	49.2	16.3	23.
15.9	59.6	5712.2	500.3	-10.5	-17.3	203.3	31.7	12.6	29.1	320.3	326.6	2.0	57.8	18.9	23.
17.3	62.9	6122.3	475.3	-13.9	-20.5	206.2	35.2	.5	31.6	320.8	325.9	1.8	57.2	21.7	23.
18.9	66.1	6581.5	450.3	-16.1	-25.1	211.3	36.1	.8	30.9	323.1	326.7	1.1	45.3	24.9	24.
20.8	69.6	6981.2	425.3	-18.1	-31.4	214.7	38.2	1.7	31.4	325.8	328.0	0.6	30.0	28.2	25.
21.4	73.3	7331.3	400.3	-23.6	-40.6	213.3	36.4	20.0	30.4	328.3	329.3	0.3	14.5	31.4	26.
23.6	76.7	7856.7	375.3	-26.3	-47.3	209.8	36.9	18.3	32.0	329.5	330.0	0.1	10.1	34.9	26.
25.3	80.5	8361.2	350.3	-29.6	-50.5	206.4	36.3	17.3	31.9	330.2	330.6	0.1	10.1	38.6	27.
26.9	84.5	8831.2	325.3	-33.3	-53.4	209.5	36.1*	17.8	31.4	330.7	331.0	0.1	11.1	42.6	27.
28.1	88.5	9286.3	300.3	-39.3	99.9	211.7	41.0*	21.6	34.9	331.8	999.9	99.9	999.9	47.3	27.
29.3	92.8	9767.3	275.3	-43.6	99.9	214.8	38.6*	21.4	29.7	333.5	999.9	99.9	999.9	51.7	28.
30.3	97.4	10287.3	250.3	-47.7	99.9	216.0	41.3*	24.3	33.4	335.1	999.9	99.9	999.9	56.3	28.
31.1	102.2	10861.7	225.0	53.6	99.9	216.0	39.7*	23.3	32.1	336.4	999.9	99.9	999.9	61.9	29.
32.6	107.5	11504.7	200.3	-59.5	99.9	222.7	36.5*	24.8	26.8	338.5	999.9	99.9	999.9	67.3	30.
33.7	113.3	12231.3	175.0	-65.5	99.9	227.8	44.3*	32.6	29.8	341.8	999.9	99.9	999.9	74.5	31.
44.9	119.5	13076.3	150.3	-57.9	99.9	226.1	33.1*	23.0	23.8	370.3	999.9	99.9	999.9	81.9	33.
47.6	126.3	15331.3	125.0	-55.8	99.9	211.8	35.4*	18.2	30.3	392.2	999.9	99.9	999.9	88.8	33.
51.9	136.3	16422.3	100.0	-63.7	99.9	241.6	25.2*	22.2	12.0	404.7	999.9	99.9	999.9	97.4	33.
57.3	143.3	1422*.7	75.0	-59.8	99.9	228.4	14.5*	10.9	9.6	447.7	999.9	99.9	999.9	101.8	33.
66.9	159.3	23933.1	50.0	-56.7	99.9	152.6	11.3*	-5.2	10.0	514.8	999.9	99.9	999.9	107.9	32.
76.6	184.0	25315.3	25.0	-48.0	99.9	999.9	99.9	99.9	99.9	646.5	999.9	99.9	999.9	108.1	31.

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STATION NO. 363
AMARILLO, TEXAS

9 MAY 1979
2000 GMT

154 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	18.7	1094.0	877.4	25.6	9.8	170.0	5.1	-0.9	5.0	310.1	334.9	8.7	37.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	19.0	1113.1	875.0	24.3	13.3	162.5	2.6	-0.8	2.5	309.0	339.8	11.1	50.3	0.1	341.
0.8	21.5	1371.2	850.0	22.0	12.2	170.7	3.4	-0.5	3.3	309.2	338.8	10.6	53.8	0.2	342.
1.6	24.1	1627.4	825.0	19.8	10.2	175.2	6.4	-0.5	6.4	309.5	336.4	9.6	56.0	0.4	349.
2.4	26.7	1884.8	800.0	18.4	7.4	187.3	8.9	1.1	8.8	310.8	334.0	8.2	48.7	0.7	353.
3.2	29.3	2145.8	775.0	15.6	5.8	192.5	11.7	2.5	11.4	310.6	332.1	7.5	52.2	1.2	0.
4.2	32.0	2402.9	750.0	13.3	2.7	196.4	12.5	3.5	12.0	311.0	329.0	6.2	48.7	2.0	6.
5.0	34.7	2727.1	725.0	10.7	2.0	191.2	12.5	2.4	12.2	311.2	328.9	6.1	56.8	2.5	8.
5.9	37.6	3018.7	700.0	8.3	2.7	187.7	14.0	1.9	13.9	311.7	331.0	6.7	68.0	3.3	8.
6.6	40.3	3319.0	675.0	5.2	0.6	193.8	15.6	3.7	15.2	311.5	329.7	5.9	72.1	3.9	8.
7.5	43.1	3625.2	650.0	2.5	-0.2	193.9	17.4	4.2	16.9	311.8	328.8	5.8	82.8	4.8	10.
8.6	46.1	3941.3	625.0	-0.3	-1.8	195.7	20.9	5.7	20.1	312.1	327.8	5.4	89.6	6.0	10.
9.6	49.1	4264.7	600.0	-2.9	-7.4	200.3	24.6	8.5	23.0	312.8	323.8	3.7	71.5	7.4	12.
10.8	52.1	4603.6	575.0	-4.0	-16.8	200.7	29.5	10.4	27.6	315.3	321.0	1.8	35.1	9.3	14.
12.1	55.3	4954.4	550.0	-6.0	-16.8	196.9	33.9	9.8	32.4	317.0	322.9	1.9	42.0	11.7	15.
13.4	58.4	5316.6	525.0	-8.0	-18.6	197.0	35.8	10.5	34.2	318.8	324.2	1.7	42.1	14.6	15.
14.7	61.6	5693.6	500.0	-11.2	-19.6	199.7	36.5	12.3	34.4	319.4	324.6	1.6	49.7	17.3	16.
15.9	65.0	6084.6	475.0	-13.7	-20.7	202.6	39.6	15.2	36.6	319.8	324.8	1.5	60.3	19.9	16.
17.2	68.4	6491.7	450.0	-18.1	-22.6	206.6	42.6	19.1	38.1	320.5	325.1	1.4	67.7	23.1	17.
18.8	71.9	6917.0	425.0	-20.2	-28.1	214.5	42.0	23.8	34.6	323.1	326.1	0.9	49.0	27.2	19.
21.0	75.6	7366.0	400.0	-23.8	-41.1	218.6	41.2	25.7	32.2	327.9	328.9	0.3	14.2	32.5	23.
23.0	79.3	7840.6	375.0	-24.0	-49.3	221.6	37.4*	24.9	28.0	329.9	330.3	0.1	7.5	37.1	25.
24.8	83.2	8334.6	350.0	-28.1	-52.7	222.4	37.5*	25.3	27.7	330.8	331.1	0.1	7.4	40.7	26.
26.4	87.2	8867.0	325.0	-32.3	-57.4	219.9	39.1*	25.1	30.0	332.2	332.4	0.0	6.2	44.3	28.
28.1	91.5	9426.1	300.0	-37.3	-59.1	219.1	33.5*	21.1	26.0	332.8	333.0	0.0	8.2	48.1	28.
30.1	96.0	10019.5	275.0	-43.1	99.9	220.2	34.1*	22.0	26.1	332.9	999.9	99.9	999.9	51.9	29.
32.3	100.6	10654.5	250.0	-48.5	99.9	217.4	38.0*	23.1	30.2	336.0	999.9	99.9	999.9	57.0	30.
34.7	105.6	11334.9	225.0	-53.6	99.9	216.4	36.1*	21.4	29.1	336.3	999.9	99.9	999.9	61.9	31.
37.2	111.0	12098.7	200.0	-59.6	99.9	219.0	39.5*	24.8	30.7	338.5	999.9	99.9	999.9	67.0	31.
40.1	117.0	12980.4	175.0	-66.4	99.9	226.0	48.0*	34.5	33.4	340.5	999.9	99.9	999.9	75.8	32.
42.9	123.3	13852.8	150.0	-61.5	99.9	230.5	34.4*	26.5	21.9	344.2	999.9	99.9	999.9	81.6	34.
46.8	130.3	15004.5	125.0	-55.8	99.9	222.0	34.0*	22.7	25.2	394.0	999.9	99.9	999.9	90.1	35.
51.3	139.3	16402.6	100.0	-61.5	99.9	211.6	23.5*	12.3	20.0	409.0	999.9	99.9	999.9	97.6	35.
57.4	147.3	18195.1	75.0	-58.0	99.9	201.7	16.5*	6.1	15.3	451.4	999.9	99.9	999.9	103.7	34.
65.0	156.7	20757.2	50.0	-54.4	99.9	147.2	8.4**	-4.5	7.0	515.3	999.9	99.9	999.9	110.6	34.
77.7	166.3	25256.7	25.0	-48.7	99.9	999.9	99.9	99.9	99.9	645.2	999.9	99.9	999.9	108.8	32.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEXAS

9 MAY 1979
2300 GMT

152 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	19.9	1396.3	875.3	29.0	1.5	220.0	10.3	6.6	7.9	313.9	328.4	6.9	17.8	0.0	0.
99.9	99.9	9999.0	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.1	14.3	1097.0	875.0	29.3	2.9	212.0	13.1	6.9	11.1	314.2	330.1	5.4	18.4	0.4	33.
1.0	21.4	1353.6	850.0	28.7	0.2	214.4	13.8	7.8	11.3	314.1	327.8	4.6	17.7	0.8	33.
1.9	23.4	1615.5	825.0	24.2	-3.7	213.7	13.8	7.7	11.5	314.2	327.4	4.4	19.2	1.6	35.
2.7	24.4	1883.2	800.0	22.1	-2.2	206.9	14.1	5.9	12.8	314.7	327.0	4.1	19.8	2.3	33.
3.4	23.9	2157.3	775.0	19.7	-2.4	202.1	14.2	5.3	13.1	315.0	327.3	4.1	21.8	2.9	31.
4.0	21.5	2437.1	750.0	17.0	-3.2	200.0	14.3	5.4	13.3	315.1	327.3	4.0	24.9	4.1	28.
4.7	20.1	2726.0	725.0	14.5	-3.3	201.0	14.9	6.1	13.8	315.4	327.9	4.1	29.8	5.0	26.
5.5	20.9	3020.7	700.0	11.7	-3.6	200.2	17.6	6.1	16.5	315.5	328.1	4.2	33.9	5.9	24.
6.5	24.5	3321.7	675.0	8.5	-3.6	192.6	19.9	4.3	19.4	315.2	328.2	4.4	42.3	6.9	20.
7.6	26.2	3629.4	650.0	5.6	-3.7	189.3	19.5	2.7	19.3	315.3	328.7	4.5	51.3	8.3	22.
10.1	25.1	3952.2	625.0	2.5	-4.6	189.8	18.9	3.2	18.6	315.3	328.4	4.4	59.7	9.8	20.
11.3	23.0	4281.5	600.0	-0.5	-5.3	189.3	20.6	3.4	20.5	315.5	328.7	4.4	71.4	11.3	18.
12.6	21.9	4621.2	575.0	-3.7	-5.1	196.5	20.7	2.3	20.6	315.8	329.3	4.6	93.0	12.7	17.
13.7	21.1	4971.1	550.0	-6.3	-7.6	189.3	21.6	3.1	21.3	316.6	328.5	3.9	93.6	14.3	16.
14.6	21.0	5331.3	525.0	-9.5	-9.9	191.2	25.6	4.9	24.9	317.0	327.6	3.4	97.3	16.2	15.
15.5	20.1	5707.4	500.0	-12.5	-12.3	197.4	27.5	8.2	26.3	317.8	326.6	2.8	96.7	17.8	15.
16.5	21.4	6097.5	475.0	-15.3	-17.3	202.6	28.0	10.8	25.9	319.0	325.6	2.1	84.9	21.2	16.
17.9	24.7	6503.2	450.0	-18.1	-19.3	205.3	30.2	14.6	30.9	320.5	326.5	1.9	93.8	25.5	17.
19.4	23.1	6927.4	425.0	-22.2	-32.5	210.0	34.3	17.2	29.7	320.8	322.6	0.8	33.3	28.8	18.
21.1	23.6	7370.6	400.0	-25.5	-37.8	216.4	36.3	21.5	29.2	321.8	323.1	0.4	30.7	32.3	19.
22.1	22.3	7836.2	375.0	-27.4	-39.4	218.3	42.9*	26.8	33.7	325.3	326.5	0.3	31.2	35.9	23.
23.6	21.1	8330.4	350.0	-29.6	-40.4	221.0	42.7*	28.0	32.2	328.9	329.5	0.2	17.6	44.9	25.
25.9	20.3	8855.4	325.0	-33.3	-50.0	224.1	38.9*	27.1	27.9	330.8	331.3	0.1	16.7	51.8	27.
28.2	20.2	9412.9	300.0	-37.8	-54.4	219.8	46.9*	29.5	36.5	332.1	332.4	0.1	15.6	58.3	29.
30.3	21.5	10006.9	275.0	-42.7	99.9	215.5	38.0*	22.0	30.9	333.3	999.9	99.9	999.9	62.1	29.
34.8	22.2	10643.1	250.0	-47.8	99.9	217.8	27.3*	16.7	21.6	335.1	999.9	99.9	999.9	66.3	30.
41.5	23.3	11331.9	225.0	-52.7	99.9	217.2	46.5*	28.1	37.1	337.8	999.9	99.9	999.9	72.5	30.
46.7	20.9	12092.3	200.0	-59.5	99.9	213.6	41.0*	22.7	34.2	340.2	999.9	99.9	999.9	81.8	31.
47.8	18.2	12913.8	175.0	-64.3	99.9	220.8	31.5*	20.3	24.1	343.8	999.9	99.9	999.9	88.3	31.
50.6	17.5	13805.2	150.0	-61.1	99.9	227.6	21.0*	15.5	14.1	344.9	999.9	99.9	999.9	92.0	32.
51.5	17.3	14996.0	125.0	-63.6	99.9	221.6	25.2*	16.7	18.8	345.2	999.9	99.9	999.9	95.	32.
57.5	15.3	16379.1	100.0	-64.7	99.9	204.8	37.2*	16.8	33.2	402.8	999.9	99.9	999.9	104.1	32.
62.5	14.0	18169.6	75.0	-71.3	99.9	178.2	20.8*	-0.7	20.8	444.5	999.9	99.9	999.9	109.1	32.
69.8	15.0	20741.2	50.0	-53.3	99.9	138.6	9.4**	-6.2	7.0	517.9	999.9	99.9	999.9	115.9	32.
79.7	16.0	25226.4	25.0	-48.9	99.9	999.9	99.9	99.9	99.9	644.8	999.9	99.9	999.9	115.6	31.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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STATION NO. 363
AMARILLO, TEXAS

10 MAY 1979
2SO GMT

105 32. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	18.2	1094.0	876.0	17.2	11.7	340.0	9.3	8.8	-9.3	301.5	328.4	9.9	70.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
9.1	19.4	1109.6	875.0	17.0*	99.9	358.5	9.9	0.3	-9.9	301.4	999.9	99.9	999.9	0.0	37.
0.5	20.9	1356.0	850.0	15.1	12.9	350.2	10.7	1.8	-10.6	302.0	331.9	11.1	85.4	0.5	175.
1.5	23.3	1609.2	825.0	14.3	11.9	330.3	9.7	4.8	-8.4	303.8	332.9	10.7	85.1	0.8	171.
2.4	25.9	1866.3	800.0	16.1	4.5	288.9	10.5	9.9	-3.4	308.3	327.3	6.7	47.0	1.3	156.
3.5	28.3	2140.2	775.9	16.4	-0.2	241.8	10.4	9.2	4.9	311.4	325.7	4.9	32.2	1.6	134.
4.4	30.8	2418.6	750.0	16.0	-5.5	213.8	13.5	7.5	11.2	314.0	326.3	3.4	22.4	1.8	112.
5.3	33.4	2705.4	725.0	13.9	-7.4	200.0	16.4	5.6	15.4	314.7	323.9	3.0	22.1	1.9	99.
6.2	36.1	2999.8	700.0	11.8	-9.1	196.7	19.4	5.6	18.6	315.5	324.0	2.8	22.3	2.5	66.
7.1	38.8	3302.7	675.0	9.2	-6.0	192.8	21.3	4.7	20.8	316.0	327.0	3.6	33.6	3.3	51.
8.1	41.6	3613.3	650.0	6.0	-3.6	189.3	22.7	3.7	22.4	315.7	329.3	4.5	50.2	4.3	40.
9.1	44.2	3933.4	625.0	2.6	-3.6	189.2	23.4	3.7	23.1	315.4	329.5	4.7	63.8	5.6	32.
10.2	47.0	4262.4	600.0	-0.1	-4.9	191.0	25.3	4.8	24.8	316.0	329.3	4.4	70.0	7.1	27.
11.4	49.9	4601.6	575.0	-3.1	-10.7	194.1	28.2	6.9	27.3	316.3	325.5	3.0	55.9	9.0	24.
12.9	52.8	4952.2	550.0	-5.1	-20.0	202.8	30.6	11.8	28.2	318.1	322.8	1.5	30.7	11.6	23.
14.5	55.8	5316.9	525.0	-6.8	-33.9	213.3	31.6	17.3	26.4	320.3	321.8	0.4	9.5	14.7	24.
16.1	58.9	5696.2	500.0	-8.3	-50.5	214.6	31.8	18.1	26.2	323.0	323.2	0.1	1.7	21.3	29.
20.2	62.0	6092.9	475.0	-10.3	-53.6	205.9	31.7	13.8	28.5	325.2	325.4	0.1	1.4	25.3	29.
22.1	65.3	6506.4	450.0	-13.7	-44.8	201.8	32.5	12.1	30.2	326.8	326.8	0.2	5.2	29.0	28.
23.8	68.7	6933.3	425.0	-16.7	-46.2	198.5	33.3*	10.6	31.6	327.5	328.1	0.1	5.7	32.2	27.
25.4	72.1	7390.4	400.0	-20.2	-49.8	201.5	34.2*	12.6	31.8	328.7	329.1	0.1	5.1	35.4	27.
27.1	75.7	7864.6	375.0	-24.4	-51.4	201.8	32.9*	12.2	30.5	329.3	329.7	0.1	6.1	38.9	26.
28.9	79.4	8362.7	350.0	-29.0	-52.6	200.9	34.7*	12.4	32.4	329.7	330.0	0.1	8.1	42.5	26.
32.8	83.3	8887.4	325.0	-33.3	-55.5	207.8	36.1*	16.8	32.0	330.8	331.0	0.1	8.6	48.6	26.
36.1	87.3	9447.3	300.0	-38.2	-59.5	208.7	44.6*	21.4	39.1	334.4	334.6	0.0	6.9	58.8	26.
37.7	91.5	10045.2	275.0	-41.0	99.9	208.1	37.6*	17.7	33.2	335.8	999.9	99.9	999.9	62.9	26.
39.2	96.9	10694.9	250.0	-46.6	99.9	209.3	32.6*	16.0	28.5	336.9	999.9	99.9	999.9	65.6	26.
41.8	100.8	11377.1	225.0	-51.0	99.9	197.7	46.6*	14.2	44.4	340.4	999.9	99.9	999.9	72.3	26.
44.1	106.0	12132.9	200.0	-57.4	99.9	183.9	40.3*	2.7	40.2	341.9	999.9	99.9	999.9	78.0	25.
46.6	111.5	12964.5	175.0	-62.6	99.9	181.6	47.9*	1.3	47.9	348.6	999.9	99.9	999.9	84.3	23.
49.3	117.6	13907.7	150.0	-67.4	99.9	198.1	25.6**	8.0	24.4	353.9	999.9	99.9	999.9	90.5	22.
53.5	124.3	15005.2	125.0	-64.3	99.9	215.6	24.5**	14.2	19.9	378.5	999.9	99.9	999.9	95.0	22.
57.5	132.3	16378.0	100.0	-65.2	99.9	205.7	26.1**	11.3	23.5	401.9	999.9	99.9	999.9	100.4	23.
63.1	141.5	18151.9	75.0	-58.8	99.9	195.8	17.2**	4.7	16.6	449.7	999.9	99.9	999.9	110.0	23.
71.4	153.0	20703.5	50.0	-60.2	99.9	122.1	7.3**	-6.2	3.9	501.5	999.9	99.9	999.9	112.0	22.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* MY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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STATION NO. 363
AMARILLO, TEXAS

10 MAY 1979
515 GMT

145 9. 0

TIME MIN	CHICT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	16.4	1294.0	882.5	15.0	5.5	20.0	9.3	-3.2	-8.7	293.5	310.8	6.5	74.0	0.0	0.
99.9	99.9	9469	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	9469	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	9469	950.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	9469	925.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	9469	900.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
3.2	17.0	1196.9	875.0	3.9	0.5	17.1	15.1	-0.4	-14.4	293.0	309.4	6.1	76.7	0.4	199.
1.1	14.2	1438.3	850.0	5.6	0.4	23.5	14.7	-5.1	-13.8	293.0	310.8	6.6	92.2	1.0	199.
1.9	21.5	1652.8	825.0	8.1	7.4	13.7	11.5	-2.7	-11.2	297.2	318.4	7.9	95.6	1.6	200.
2.8	23.9	1875.0	800.0	7.7	6.4	330.0	9.7	3.5	-9.1	299.4	320.0	7.6	91.5	2.1	195.
3.8	26.1	2105.6	775.0	6.1	3.4	313.2	12.8	9.8	-8.3	300.4	318.5	6.5	85.1	2.6	184.
4.9	28.5	2345.8	750.0	5.4	-0.7	295.7	14.3	13.7	-3.9	303.6	317.4	4.9	60.4	3.1	166.
6.3	30.8	2714.3	725.0	5.3	-3.4	283.2	13.2	13.0	2.2	306.4	321.1	5.1	62.1	3.5	153.
7.9	33.2	3026.1	700.0	5.1	-4.2	276.7	14.8	10.7	10.1	309.3	321.2	4.0	47.7	3.8	143.
9.8	35.7	3353.4	675.0	5.4	-5.3	270.9	21.2	7.6	18.9	312.2	321.0	3.1	39.0	3.4	127.
11.8	38.2	3693.7	650.0	4.1	-3.7	272.3	20.1	9.4	23.3	313.6	327.0	4.5	56.9	3.3	102.
14.4	40.9	4049.7	625.0	2.1	-11.5	272.3	26.4	9.3	24.5	314.8	322.8	2.6	36.1	3.9	78.
17.3	43.6	4425.2	600.0	-3.2	-13.5	275.7	27.7	12.0	25.0	315.9	322.9	2.2	35.8	5.1	63.
20.7	46.1	4820.3	575.0	-6.5	-21.4	273.1	30.1	15.1	26.1	317.1	320.9	1.2	20.9	6.7	53.
24.5	48.8	5235.2	550.0	-5.4	-29.7	275.4	31.3	18.1	25.6	317.6	320.2	0.8	16.8	8.4	49.
28.3	51.4	5670.4	525.0	-7.4	-33.4	277.4	31.7	21.0	23.8	319.5	321.7	0.0	1.2	10.5	47.
32.2	54.5	6127.0	500.0	-6.7	-33.1	278.3	34.1	23.3	25.0	321.3	321.5	0.1	1.5	12.9	46.
36.5	57.4	6605.5	475.0	-12.4	-44.1	277.7	34.6	24.1	27.4	322.1	322.4	0.1	3.3	15.7	45.
41.3	60.4	7106.3	450.0	-15.1	-47.9	279.5	33.9	27.7	30.1	324.2	324.7	0.1	4.6	19.1	43.
46.9	63.5	7630.1	425.0	-18.2	-46.5	281.1	36.7	28.7	32.7	325.6	326.1	0.1	6.3	22.8	41.
51.6	66.7	8176.8	400.0	-21.3	-50.5	285.7	36.7	26.0	33.2	327.4	327.6	0.0	2.9	26.1	39.
57.2	70.0	8746.9	375.0	-25.6	-54.6	286.6	35.4	25.8	31.7	327.7	327.9	0.0	3.6	29.6	37.
62.1	73.4	9341.2	350.0	-33.3	-59.3	288.7	34.1	19.0	33.0	328.3	328.5	0.1	5.9	33.5	36.
67.1	77.0	9960.7	325.0	-36.7	-59.4	291.3	34.1	19.8	32.5	329.9	329.9	0.0	6.4	38.1	36.
72.8	80.7	10605.1	300.0	-33.5	-61.4	292.0	38.2	20.2	32.4	331.1	331.2	0.0	6.9	43.2	35.
78.1	84.6	11277.7	275.0	-43.3	99.9	298.6	37.8*	18.1	33.2	332.6	999.9	99.9	999.9	49.4	35.
84.6	88.7	11978.8	250.0	-48.3	99.9	297.6	38.6*	17.9	34.3	334.3	999.9	99.9	999.9	55.1	34.
91.5	93.0	12707.1	225.0	-54.0	99.9	299.8	39.2*	20.6	33.3	335.8	999.9	99.9	999.9	62.3	33.
98.6	97.7	13464.0	200.0	-57.6	99.9	299.5	43.1*	25.0	35.1	338.4	999.9	99.9	999.9	69.5	33.
106.8	102.8	14249.6	175.0	-60.3	99.9	299.3	38.3*	26.6	27.6	343.9	999.9	99.9	999.9	76.7	34.
115.7	108.3	15063.1	150.0	-62.7	99.9	298.6	34.2*	28.4	28.8	362.1	999.9	99.9	999.9	83.5	35.
125.4	114.3	15907.7	125.0	-65.4	99.9	296.3	29.6*	17.4	23.9	376.5	999.9	99.9	999.9	90.4	34.
135.7	121.3	16780.3	100.0	-61.1	99.9	298.6	29.3*	10.8	27.2	409.6	999.9	99.9	999.9	99.2	34.
146.4	129.5	17683.3	75.0	-56.8	99.9	185.3	22.2*	2.1	22.1	453.8	999.9	99.9	999.9	109.9	33.
158.6	139.5	18678.2	50.0	-58.9	99.9	160.4	5.2**	-1.7	4.9	506.9	999.9	99.9	999.9	119.8	33.
169.9	152.0	19732.5	25.0	-69.3	99.9	8.5	5.8	-0.9	-5.7	642.8	999.9	99.9	999.9	130.4	32.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 363
AMARILLO, TEXAS

10 MAY 1979
800 GMT

153 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	16.9	1396.0	864.2	7.2	3.8	360.0	7.2	0.0	-7.2	290.4	305.6	5.7	79.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	17.7	1179.1	875.0	5.6	3.4	357.6	10.5	0.4	-10.5	289.6	304.5	5.6	86.1	0.3	179.
1.2	23.1	1416.3	850.0	3.6	3.1	0.5	10.1	-0.1	-10.1	289.9	304.9	5.7	97.0	0.8	181.
2.0	27.5	1602.3	825.0	9.7	3.9	333.2	7.4	3.4	-6.6	298.8	315.9	6.2	66.0	1.2	178.
2.8	29.1	1917.6	800.0	8.7	-2.4	301.5	9.3	7.9	-4.8	300.4	311.8	4.8	45.6	1.4	168.
3.7	27.9	2179.9	775.0	7.7	-10.4	283.5	13.8	13.4	-3.2	302.1	308.8	2.2	26.3	1.8	152.
4.5	31.2	2440.3	750.0	6.4	-10.8	266.2	17.7	17.6	1.2	303.6	310.2	2.2	27.8	2.5	132.
5.7	32.8	2727.2	725.0	6.4	-5.9	241.3	15.9	13.9	7.6	306.5	316.6	3.4	41.3	3.2	117.
7.8	35.4	3014.7	700.0	5.5	-4.3	212.5	14.7	7.9	12.4	308.6	320.2	4.0	49.2	3.6	103.
7.7	34.1	3311.1	675.0	3.4	-0.8	199.9	18.7	6.4	17.5	339.5	325.0	5.4	73.9	3.8	90.
8.6	40.9	3617.0	650.0	1.7	1.4	194.6	24.0	5.8	22.2	310.9	329.8	6.5	97.8	4.3	78.
9.4	41.8	3932.4	625.0	-1.0	-1.8	191.1	25.5	4.9	25.1	311.3	327.0	5.4	96.3	5.0	63.
10.8	46.6	4257.5	600.0	-3.4	-6.8	191.9	28.7	5.9	28.1	312.2	323.8	3.9	78.2	6.4	49.
11.5	49.5	4593.7	575.0	-4.3	-18.2	193.6	30.6	7.2	29.7	315.3	320.0	1.6	32.7	8.2	40.
12.6	52.4	4942.2	550.0	-7.2	-19.3	200.6	32.2	11.3	30.2	315.5	320.3	1.5	37.3	10.2	35.
14.0	56.4	5303.9	525.0	-10.2	-18.7	206.2	34.4	15.2	30.9	316.1	321.5	1.7	49.8	12.2	33.
15.1	54.6	5676.6	500.0	-13.4	-32.5	212.1	34.9	18.6	29.6	316.7	319.0	0.7	25.9	14.7	33.
16.4	61.9	6066.2	475.0	-14.7	-59.1	219.8	35.3	22.6	27.1	319.8	319.9	0.0	1.0	17.3	33.
17.7	65.1	6473.8	450.0	-17.0	-60.7	221.1	38.1	25.1	28.7	321.9	322.0	0.0	1.0	20.2	34.
19.1	68.8	6900.5	425.0	-20.0	-58.9	220.2	40.0	25.8	30.5	323.4	323.5	0.0	1.0	23.3	35.
20.6	72.0	7349.3	400.0	-21.9	-63.9	220.5	42.6	27.6	32.4	326.6	326.7	0.0	1.0	27.0	36.
22.1	75.6	7819.9	375.0	-25.6	-66.3	220.6	42.6	27.8	32.4	327.7	327.8	0.0	1.0	30.9	37.
23.6	79.3	8315.4	350.0	-29.5	-68.9	217.9	40.2	24.7	31.8	328.9	329.0	0.0	1.0	34.6	37.
25.3	83.2	8841.0	325.0	-33.3	-71.3	215.6	44.8	26.1	36.4	330.8	330.8	0.0	1.0	38.8	37.
26.8	87.2	9399.3	300.0	-37.7	-74.2	208.9	42.7	20.6	37.4	332.3	332.3	0.0	1.0	42.8	36.
28.5	91.5	9992.4	275.0	-42.7	99.9	208.0	46.1	21.7	40.7	333.4	999.9	99.9	999.9	47.1	36.
30.3	95.8	10629.6	250.0	-47.0	99.9	208.7	41.9*	20.1	36.8	336.2	999.9	99.9	999.9	52.2	35.
32.6	100.9	11314.7	225.0	-53.1	99.9	210.2	47.6*	24.0	41.2	337.1	999.9	99.9	999.9	58.1	34.
35.0	106.0	12065.1	200.0	-59.4	99.9	209.9	43.4*	21.6	37.6	338.8	999.9	99.9	999.9	64.8	34.
37.6	111.6	12892.7	175.0	-63.7	99.9	211.1	40.9*	21.1	35.0	344.9	999.9	99.9	999.9	71.6	34.
40.1	117.8	13828.2	150.0	-66.4	99.9	210.6	35.4*	18.0	30.4	355.8	999.9	99.9	999.9	78.8	33.
43.2	124.5	14948.5	125.0	-63.2	99.9	219.7	36.9*	23.5	28.4	380.6	999.9	99.9	999.9	83.7	34.
47.2	132.3	16331.6	100.0	-61.8	99.9	210.2	25.8*	13.0	22.5	408.3	999.9	99.9	999.9	90.8	33.
52.9	141.3	18135.2	75.0	-57.8	99.9	187.7	14.2*	1.9	14.1	451.7	999.9	99.9	999.9	97.9	34.
60.7	151.5	23694.0	50.0	-55.0	99.9	125.1	7.7	-6.3	4.4	513.9	999.9	99.9	999.9	98.9	33.
74.2	162.7	25181.7	25.0	-49.1	99.9	999.9	99.9	99.9	99.9	643.9	999.9	99.9	999.9	96.5	32.

* UF SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO: 363
AMARILLO, TEXAS

10 MAY 1979
1135 GMT

164 13. 9

TEMP MEA	CNTCT	HEIGHT GPM	PRES MB	TEMP DEG C	DEW PT DEG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PUT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
5.3	14.5	1328.0	885.0	5.6	2.3	350.0	8.8	1.5	-8.7	288.7	302.2	5.1	73.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
1.5	17.6	1187.0	875.0	4.5	3.1	354.1	10.7	1.2	-10.7	288.5	303.2	5.5	91.4	0.3	178.
1.1	17.7	1237.0	850.0	2.2	2.1	356.3	9.8	1.0	-9.7	288.4	302.4	5.3	93.5	0.7	177.
1.1	17.7	1287.0	825.0	0.3	-0.2	358.4	8.2	0.4	-8.4	288.1	302.6	5.4	93.8	1.1	175.
1.4	17.7	1337.0	800.0	7.8	-41.7	275.1	9.3	9.2	-0.8	299.0	299.4	0.1	1.5	1.2	159.
1.5	17.7	1387.0	775.0	6.7	-42.8	271.4	14.3	14.3	-0.3	301.1	301.3	0.1	1.0	1.6	139.
4.1	17.8	1437.0	750.0	5.3	-33.1	269.2	13.2	13.2	1.6	302.3	303.4	0.3	4.4	2.3	122.
5.6	17.8	1487.0	725.0	4.2	-15.2	267.4	13.6	10.1	7.5	304.1	309.1	1.6	23.0	3.1	108.
6.3	17.9	1537.0	700.0	2.7	-11.0	233.5	23.3	15.7	12.9	305.5	313.1	2.5	38.5	3.9	96.
7.3	17.9	1587.0	675.0	1.7	-8.4	215.5	22.1	12.8	18.0	307.4	316.2	2.9	45.0	4.6	83.
7.5	17.9	1637.0	650.0	-3.6	-7.4	206.3	22.8	13.0	20.5	308.4	318.1	3.3	58.1	5.6	72.
7.5	17.9	1687.0	625.0	-2.0	-11.1	205.0	25.9	10.9	23.6	310.2	319.2	2.6	43.8	6.7	63.
7.6	18.0	1737.0	600.0	-4.1	-14.1	204.5	27.5	14.5	26.8	311.1	317.6	2.1	45.7	8.3	55.
7.5	18.0	1787.0	575.0	-3.7	-17.2	210.3	35.9	18.0	31.1	313.3	318.8	1.7	39.7	10.0	51.
12.6	18.0	1837.0	550.0	-6.0	-53.7	237.5	37.9	17.4	33.5	316.9	317.1	0.0	1.0	12.3	47.
13.5	18.0	1887.0	525.0	-8.7	-54.4	236.1	37.2	15.2	34.0	318.0	318.2	0.0	1.0	14.8	43.
14.7	18.1	1937.0	500.0	-11.2	-57.3	236.2	36.2	16.9	34.3	319.4	319.6	0.0	1.0	17.2	40.
15.9	18.2	1987.0	475.0	-14.7	-59.2	240.2	39.0	19.6	33.7	319.8	319.9	0.0	1.0	19.9	39.
17.1	18.3	2037.0	450.0	-17.8	-61.1	242.9	38.1	20.7	31.9	320.8	320.9	0.0	1.0	22.7	38.
18.6	18.4	2087.0	425.0	-21.0	-63.1	243.7	39.1	21.7	32.5	322.0	322.1	0.0	1.0	25.8	37.
19.9	18.6	2137.0	400.0	-23.3	-64.9	246.8	37.8	22.6	30.2	324.7	324.8	0.0	1.0	29.0	37.
21.3	18.9	2187.0	375.0	-26.5	-66.9	249.7	38.7	24.8	29.8	326.5	326.6	0.0	1.0	32.4	37.
23.3	19.3	2237.0	350.0	-30.2	-69.1	248.1	38.1	23.5	30.0	328.1	328.1	0.0	1.0	36.4	37.
24.7	19.9	2287.0	325.0	-34.7	-72.1	243.6	42.7	23.6	35.5	328.9	328.9	0.0	1.0	40.3	37.
25.5	21.7	2337.0	300.0	-38.4	-74.8	238.8	42.4*	20.4	37.2	331.2	331.2	0.0	1.0	45.0	37.
27.3	25.5	2387.0	275.0	-43.2	99.9	237.9	46.0*	21.5	40.7	332.6	999.9	99.9	999.9	49.5	36.
31.2	29.7	2437.0	250.0	-48.2	99.9	238.1	44.5*	21.0	39.2	334.4	999.9	99.9	999.9	54.7	35.
34.4	34.3	2487.0	225.0	-53.2	99.9	242.1	47.4*	25.2	40.2	337.0	999.9	99.9	999.9	60.9	35.
36.9	39.6	2537.0	200.0	-56.3	99.9	243.2	46.1*	25.2	38.5	340.5	999.9	99.9	999.9	67.7	34.
37.6	40.9	2587.0	175.0	-63.5	99.9	245.9	46.1*	27.0	37.6	345.2	999.9	99.9	999.9	74.7	34.
42.3	49.3	2637.0	150.0	-65.5	99.9	228.6	42.2*	29.6	30.1	357.3	999.9	99.9	999.9	82.8	35.
43.3	51.3	2687.0	125.0	-59.2	99.9	219.1	35.7*	22.5	27.7	389.6	999.9	99.9	999.9	90.7	36.
44.1	52.1	2737.0	100.0	-61.3	99.9	211.1	27.7*	14.3	23.7	409.4	999.9	99.9	999.9	96.9	36.
53.2	53.7	2787.0	75.0	-58.7	99.9	191.4	16.5*	3.3	16.2	450.0	999.9	99.9	999.9	103.1	36.
53.5	54.5	2837.5	50.0	-56.9	99.9	131.0	9.0*	-6.8	5.9	509.6	999.9	99.9	999.9	105.0	35.
70.2	153.0	2915.1	25.0	-69.3	99.9	999.9	99.9	99.9	99.9	642.8	999.9	99.9	999.9	102.8	34.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE ON [illegible]MC HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION [illegible] LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, NEW MEXICO

9 MAY 1979
1100 GMT

134 52. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PUT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.9	1619.0	826.4	5.6	2.8	170.0	3.1	-0.5	3.1	296.4	309.8	5.7	82.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	21.0	1632.8	825.0	5.0*	99.9	210.9	7.9	4.1	6.8	293.9	999.9	99.9	999.9	0.1	350.
1.1	25.6	1683.0	800.0	3.5*	99.9	168.3	3.1	-0.6	3.0	294.8	999.9	99.9	999.9	0.3	10.
2.0	21.2	2139.9	775.0	1.6	0.2	229.9	2.2	1.7	1.4	295.5	309.3	5.0	90.6	0.3	9.
3.0	33.9	2434.3	750.0	0.2	-4.1	284.9	5.0	4.8	-1.3	296.8	309.9	4.7	91.0	0.3	49.
4.0	33.6	2675.4	725.0	-1.1	-1.5	249.5	8.9	8.3	3.1	298.3	311.4	4.7	97.1	0.7	70.
5.1	34.3	2959.7	700.0	-1.8	-1.9	235.6	14.8	12.2	8.4	300.5	313.9	4.8	100.5	1.4	64.
6.1	34.1	3244.7	675.0	-3.2	-3.2	224.2	18.4	12.9	13.2	302.0	314.7	4.5	100.6	2.5	59.
7.1	41.9	3543.3	650.0	-4.1	-4.1	211.1	18.5	9.6	15.8	304.4	316.9	4.4	100.5	3.5	53.
8.1	44.8	3852.0	625.0	-6.7	-6.7	211.9	22.2	11.7	18.8	304.8	315.6	3.7	100.2	4.7	46.
9.0	47.8	4170.2	600.0	-8.5	-8.5	218.3	23.7	14.7	18.6	306.3	316.1	3.3	99.9	5.9	44.
10.2	51.8	4498.9	575.0	-11.6	-11.9	221.9	24.7	16.5	18.4	308.5	314.4	2.7	97.4	7.6	43.
11.5	51.9	4834.6	550.0	-13.7	-13.9	222.5	27.9	18.9	20.6	309.9	315.0	2.4	97.9	9.7	43.
12.8	57.0	5181.0	525.0	-15.7	-17.4	222.6	32.9	22.3	24.2	309.6	315.3	1.9	86.8	11.9	43.
14.3	60.3	5557.7	500.0	-17.9	-27.1	221.4	41.9	27.7	31.4	311.2	314.0	0.9	45.6	14.6	43.
15.2	63.6	5940.9	475.0	-19.6	-34.8	218.8	50.0	31.4	39.0	314.9	316.4	0.4	24.1	18.1	42.
16.6	67.0	6342.4	450.0	-20.3	-49.2	215.2	53.8	31.0	44.0	317.7	318.1	0.1	5.5	22.3	41.
18.0	70.5	6764.4	425.0	-22.2	-59.1	214.0	55.2*	30.8	45.7	320.6	320.7	0.0	2.4	27.0	40.
20.0	74.1	7207.4	400.0	-24.7	-65.7	217.0	56.7*	34.1	45.3	322.9	323.0	0.0	1.0	33.4	39.
21.5	77.9	7674.9	375.0	-27.5	-67.5	217.2	56.2*	33.9	44.8	325.2	325.2	0.0	1.0	38.9	39.
23.4	81.7	8167.6	350.0	-31.3	-68.4	216.3	56.2*	33.3	45.3	326.5	326.6	0.0	1.3	44.8	39.
25.1	85.8	8687.5	325.0	-36.0	-68.9	216.1	56.3*	33.2	45.5	327.1	327.2	0.0	3.8	50.9	38.
27.3	91.0	9238.4	300.0	-40.3	99.9	214.7	56.7*	33.4	48.3	328.6	999.9	99.9	999.9	58.2	38.
29.8	94.5	9825.1	275.0	-45.8	99.9	216.2	59.3*	35.0	47.9	328.9	999.9	99.9	999.9	66.6	38.
32.5	99.2	10452.2	250.0	-51.2	99.9	219.3	59.5**	37.7	46.0	330.0	999.9	99.9	999.9	76.4	37.
34.3	104.2	11133.3	225.0	-52.7	99.9	222.4	51.5**	34.7	38.0	331.8	999.9	99.9	999.9	89.0	38.
37.6	109.5	11859.6	200.0	-57.1	99.9	207.4	46.4**	21.3	41.2	342.3	999.9	99.9	999.9	95.7	38.
41.9	115.3	12722.4	175.0	-63.3	99.9	202.2	50.7**	19.1	46.9	345.5	999.9	99.9	999.9	102.9	37.
46.3	121.5	13693.5	150.0	-56.2	99.9	222.5	53.1**	35.8	39.2	373.2	999.9	99.9	999.9	120.7	36.
51.3	128.5	14802.3	125.0	-55.8	99.9	229.8	24.8**	19.0	16.0	393.9	999.9	99.9	999.9	131.2	37.
56.9	136.3	16253.6	100.0	-60.1	99.9	261.3	16.9**	16.7	2.6	411.7	999.9	99.9	999.9	136.3	37.
64.3	145.3	18066.0	75.0	-56.0	99.9	170.7	32.6**	-5.3	32.2	455.6	999.9	99.9	999.9	147.4	38.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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STATION NO. 365
ALBUQUERQUE, NEW MEXICO

9 MAY 1979
1405 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.9	1819.3	825.0	6.7	1.8	260.0	1.0	1.0	0.2	295.6	310.1	5.3	71.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	21.9	1627.0	825.0	6.6	2.6	271.5	1.4	1.4	-0.0	295.6	310.9	5.6	75.4	0.0	133.
0.9	23.3	1879.3	800.0	4.3	3.1	260.7	1.0	1.0	0.2	295.7	312.0	6.0	91.7	0.1	97.
1.6	25.5	2136.4	775.0	1.7	1.3	203.5	1.2	0.5	1.1	295.8	310.5	5.4	95.9	0.1	92.
2.3	27.7	2401.1	750.0	0.8	0.4	220.4	3.7	2.4	2.8	297.2	311.8	5.3	95.8	0.2	66.
3.0	30.0	2672.7	725.0	-1.2	-1.2	221.0	8.8	5.8	6.7	298.1	311.5	4.8	101.7	0.4	51.
3.6	32.6	2952.9	700.0	-1.8	-1.8	217.4	14.6	8.9	11.6	330.5	313.9	4.8	101.8	0.8	46.
4.4	34.9	3242.1	675.0	-3.0	-3.0	213.0	21.0	13.2	16.3	332.3	315.2	4.5	101.5	1.7	44.
5.4	37.3	3540.7	650.0	-4.7	-4.7	213.7	25.9	16.6	20.0	303.7	315.6	4.2	101.3	3.1	44.
6.2	39.9	3848.4	625.0	-7.1	-7.1	220.8	26.9	17.6	20.3	304.3	314.8	3.6	103.9	4.4	45.
7.3	42.5	4166.2	600.0	-9.5	-10.1	221.8	29.3	19.5	21.8	305.1	313.9	3.0	95.3	6.2	41.
8.6	45.2	4494.1	575.0	-11.6	-14.2	219.5	31.6	20.1	24.3	306.4	313.1	2.2	83.7	8.7	41.
10.0	44.1	4833.4	550.0	-13.3	-16.3	217.5	30.1	18.3	23.8	308.3	314.4	2.0	83.3	11.3	40.
11.3	51.0	5184.2	525.0	-15.1	-16.4	214.5	27.6	15.7	24.4	310.3	316.3	1.9	80.5	13.5	40.
12.6	54.0	5553.4	500.0	-18.0	-22.7	215.1	30.8	17.7	25.2	311.1	315.1	1.2	65.4	15.8	39.
13.7	57.1	5934.3	475.0	-21.4	-30.9	217.6	38.8	23.7	30.8	311.5	312.4	0.2	16.8	18.2	38.
14.8	60.4	6332.1	450.0	-22.7	-37.8	215.4	49.5	28.7	40.3	314.8	315.9	0.3	23.5	21.3	38.
16.4	63.8	6751.4	425.0	-23.0	-41.2	210.9	58.5	30.1	50.2	319.6	320.4	0.2	17.0	25.9	37.
18.4	67.3	7193.7	400.0	-25.4	-51.0	211.3	60.40	31.4	51.6	321.9	322.3	0.1	7.2	33.5	36.
20.2	71.0	7663.0	375.0	-27.9	-55.6	212.7	63.20	34.1	53.2	326.8	325.0	0.1	5.0	39.7	35.
21.6	74.9	8152.9	350.0	-30.9	-57.4	213.9	64.00	35.7	53.1	327.1	327.3	0.0	5.4	45.3	35.
23.3	79.0	8674.3	325.0	-34.9	-59.9	213.6	61.90	34.2	51.6	328.5	328.7	0.0	5.8	51.5	35.
25.4	83.2	9228.7	300.0	-38.8	-62.3	213.1	62.20	33.9	52.1	330.7	330.9	0.0	6.3	59.2	35.
27.5	87.8	9816.7	275.0	-43.8	99.9	216.7	58.50	30.8	41.3	331.8	999.9	99.9	999.9	66.7	35.
29.5	92.6	10453.7	250.0	-48.9	99.9	219.5	71.00	45.2	54.7	333.4	999.9	99.9	999.9	76.6	35.
32.0	97.9	11137.1	225.0	-54.0	99.9	223.9	64.80	31.8	52.2	335.8	999.9	99.9	999.9	82.6	36.
34.5	103.3	11890.4	200.0	-55.2	99.9	215.3	54.70	31.6	44.6	345.4	999.9	99.9	999.9	99.9	36.
37.2	109.3	12715.4	175.0	-59.5	99.9	205.4	66.90@	28.8	60.6	351.8	999.9	99.9	999.9	99.4	35.
40.7	116.0	13707.1	150.0	-55.2	99.9	221.2	43.50@	28.6	32.7	375.0	999.9	99.9	999.9	111.6	35.
44.9	123.9	14878.3	125.0	-51.6	99.9	242.8	23.70@	21.0	16.8	401.6	999.9	99.9	999.9	120.6	35.
49.3	133.7	16307.9	100.0	-57.0	99.9	225.3	26.20	18.6	18.4	417.7	999.9	99.9	999.9	123.3	36.
55.2	138.7	19141.8	75.0	-56.6	99.9	[illegible]	19.60	-10.8	16.3	458.5	999.9	99.9	999.9	129.8	36.
63.4	147.7	20731.2	50.0	-52.8	99.9	147.5	11.50	-6.2	9.7	519.2	999.9	99.9	999.9	133.8	35.
75.9	156.7	25255.1	25.0	-45.6	99.9	163.7	7.00	-2.8	6.7	654.8	999.9	99.9	999.9	136.3	36.

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STATION NO. 365
ALBUQUERQUE, NEW MEXICO

9 MAY 1979
1705 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	20.6	1619.0	826.1	6.7	3.0	340.0	6.2	2.1	-5.8	295.6	311.2	5.8	77.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	20.7	1629.9	825.0	6.1	3.2	337.0	6.2	2.4	-5.8	295.1	311.0	5.9	82.3	0.0	34.
0.9	22.8	1880.7	800.0	2.9	2.9	318.0	4.6	3.1	-3.4	296.2	310.2	5.9	102.5	0.3	182.
1.9	24.9	2137.7	775.0	1.6	1.6	278.0	2.0	2.0	-0.3	295.6	310.8	5.6	104.0	0.5	144.
3.0	27.2	2401.9	750.0	0.5	0.5	213.9	3.6	2.0	3.0	297.1	311.7	5.3	104.0	0.5	131.
4.5	29.5	2673.9	725.0	-1.1	-1.1	203.8	9.4	3.8	8.6	298.3	311.9	4.9	103.8	0.6	72.
5.6	31.8	2953.6	700.0	-2.2	-2.2	207.9	12.9	6.0	11.4	300.1	313.2	4.7	103.7	1.3	46.
6.7	34.3	3242.1	675.0	-3.9	-3.9	213.0	15.0	8.1	12.5	301.3	313.3	4.2	103.5	2.2	39.
8.1	36.8	3539.5	650.0	-5.3	-5.3	220.7	17.4	11.3	13.2	303.0	314.5	4.0	103.3	3.5	38.
9.4	39.3	3846.7	625.0	-7.4	-7.4	222.6	20.5	13.9	15.1	304.9	314.3	3.5	103.0	5.0	40.
10.9	42.0	4163.8	600.0	-9.5	-9.5	218.0	23.7	14.6	18.7	305.2	314.3	3.1	102.8	6.9	40.
12.2	44.8	4492.1	575.0	-11.1	-11.2	214.7	24.6	14.0	20.2	307.0	315.4	2.8	100.3	8.9	39.
13.7	47.4	4832.3	550.0	-13.8	-14.4	212.5	24.3	13.0	20.5	307.7	314.3	2.2	92.1	11.1	38.
15.1	50.5	5184.1	525.0	-16.2	-17.4	209.3	26.9	13.2	23.5	309.0	314.7	1.9	89.9	13.3	37.
16.5	53.5	5550.4	500.0	-18.3	-18.9	203.8	28.8	11.6	26.3	310.8	316.1	1.7	95.0	15.7	35.
17.9	56.4	5932.1	475.0	-20.5	-20.9	201.2	32.9	13.0	30.2	312.7	317.5	1.5	96.0	18.0	33.
19.4	60.2	6333.7	450.0	-23.2	-24.8	205.2	42.1	17.9	38.1	314.0	317.7	1.1	87.3	21.2	32.
20.9	63.4	6746.5	425.0	-26.7	-31.6	206.1	52.7	23.2	47.3	314.7	316.9	0.6	63.0	25.3	31.
22.1	66.9	7192.7	400.0	-29.4	-39.1	208.6	59.10	28.3	51.8	318.1	319.4	0.3	37.6	29.7	31.
23.9	70.7	7644.9	375.0	-33.5	-46.9	209.6	64.00	31.6	55.6	321.2	321.8	0.1	18.6	36.1	30.
25.5	74.7	8132.6	350.0	-32.5	-49.6	213.0	66.60	37.5	57.7	324.9	325.4	0.1	16.1	42.4	30.
27.6	78.8	8651.3	325.0	-35.9	-52.4	215.8	67.70	39.6	54.9	327.2	327.5	0.1	18.4	51.2	31.
29.7	83.2	9203.2	300.0	-39.6	99.9	217.0	65.80	38.4	52.5	329.8	999.9	99.9	999.9	59.2	32.
31.5	87.8	9793.6	275.0	-43.6	99.9	220.5	65.50	42.5	49.7	332.1	999.9	99.9	999.9	68.5	33.
33.5	92.9	10424.2	250.0	-47.1	99.9	222.2	72.00	44.4	56.3	333.1	999.9	99.9	999.9	79.4	34.
35.7	98.2	11113.6	225.0	-53.2	99.9	227.1	64.70	32.8	30.6	337.0	999.9	99.9	999.9	82.6	35.
38.3	103.8	11870.3	200.0	-53.2	99.9	216.0	48.00	28.2	38.9	348.6	999.9	99.9	999.9	89.2	35.
41.5	110.8	12726.4	175.0	-57.2	99.9	204.5	60.70*	25.1	55.2	355.6	999.9	99.9	999.9	100.7	34.
44.5	118.7	13692.0	150.0	-57.6	99.9	215.8	48.90*	28.6	39.7	370.8	999.9	99.9	999.9	110.5	34.
48.9	128.0	14954.1	125.0	-52.2	99.9	263.9	27.60*	27.3	4.4	400.6	999.9	99.9	999.9	120.9	35.
53.9	131.7	16296.9	100.0	-55.4	99.9	234.3	28.20	22.9	16.4	420.7	999.9	99.9	999.9	123.5	35.
59.5	140.3	18136.6	75.0	-56.0	99.9	167.9	35.5*	-8.0	34.6	455.5	999.9	99.9	999.9	136.2	38.
67.6	149.3	20695.8	50.0	-54.6	99.9	999.9	99.9	99.9	99.9	514.8	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 16 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, NEW MEXICO

9 MAY 1979
2005 GMT

142 17. 0

TEMP MB	CNFFT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	23.2	1519.3	827.5	6.7	2.0	360.0	7.2	2.5	-6.8	295.4	310.1	5.4	72.0	0.0	0.
9.9	99.9	9999	1333.8	99.9	99.9	999	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
9.9	9999	9999	975.0	999	99.9	999	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
9.9	9999	9999	9333	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
9.9	999	9999	929.3	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
9.9	99.9	9999	933.3	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
9.9	9999	9999	875.3	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
9.9	9999	9999	9333	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
2.1	2.4	1483.3	825.0	6.2	2.3	335.8	7.1	2.9	-6.4	295.2	310.2	5.5	76.2	0.1	62.
1.1	2.6	1495.2	833.0	5.4	3.2	319.0	8.0	5.4	-6.0	294.8	311.1	6.0	98.1	0.6	152.
1.4	2.4	2152.1	775.3	1.2	0.4	295.9	8.9	8.0	-3.9	295.1	309.5	5.2	96.8	0.9	144.
2.7	2.2	2817.3	753.3	-0.1	-3.7	266.4	8.8	8.8	0.6	296.4	307.3	3.9	78.7	1.3	129.
3.6	2.5	2987.7	725.0	-3.6	-2.9	235.4	8.0	6.6	4.5	298.9	311.0	4.3	85.1	1.6	117.
4.5	3.3	2987.7	700.3	-2.3	-2.5	211.9	11.2	5.9	9.5	300.3	313.1	4.6	96.5	1.8	100.
5.6	3.6	3257.3	675.3	-4.5	-5.2	210.1	13.2	6.6	11.4	300.7	311.6	3.9	94.6	2.1	83.
7.8	3.7	3454.1	650.0	-6.3*	-9.4	205.4	13.6	5.8	12.2	301.8	999.9	99.9	999.9	2.7	68.
7.8	3.6	3654.2	625.3	-7.9*	-9.7	212.1	21.9	11.8	18.5	303.6	999.9	99.9	999.9	3.4	58.
9.5	42.3	4178.3	600.3	-10.2	-15.4	215.3	30.4	17.6	24.8	304.3	310.1	1.9	65.5	5.4	49.
12.3	45.3	4331.2	575.0	-11.7	-13.3	213.5	29.9	16.4	24.9	306.2	311.2	1.6	59.5	8.4	44.
11.7	47.2	4484.3	550.0	-13.5	-21.3	210.0	29.3	14.6	25.4	308.1	312.1	1.3	51.4	10.8	41.
12.2	51.3	5143.1	525.0	-15.2	-23.0	208.0	32.6	15.3	28.8	308.9	312.6	1.1	55.8	12.9	39.
13.7	53.3	5295.7	500.0	-14.5	-25.1	206.2	35.2	15.5	31.6	310.5	313.7	1.0	55.5	14.9	38.
14.3	57.1	5452.1	475.0	-21.9	-30.6	207.7	39.2	18.2	34.7	310.8	312.9	0.6	45.1	17.1	36.
15.2	60.4	5615.2	450.0	-21.9	-46.2	210.1	48.4	24.3	41.9	313.2	313.8	0.2	13.5	20.5	35.
17.3	63.9	5784.3	425.0	-25.9	-55.6	209.7	55.6	27.6	48.2	315.8	315.9	0.0	4.2	23.7	34.
19.7	67.4	7132.1	400.3	-23.1	-66.7	210.2	61.50	31.0	53.2	325.0	325.1	0.0	1.0	28.6	33.
22.8	71.2	7263.8	375.3	-24.7	-34.8	212.0	67.70	35.8	57.4	328.7	330.3	0.4	32.9	35.4	33.
24.7	75.3	7399.8	350.0	-29.4	-68.0	213.2	67.90	37.2	56.8	329.1	329.2	0.0	1.1	40.8	33.
23.3	73.2	9485.6	325.0	-33.4	-68.5	215.9	67.60	39.6	54.8	330.1	330.1	0.0	1.6	47.1	33.
24.3	83.5	9781.2	300.0	-39.5	-63.0	219.2	66.30	41.9	51.4	331.2	331.3	0.0	5.5	55.0	34.
27.3	84.2	9932.6	275.0	-43.2	99.9	221.9	64.60	43.2	48.1	332.7	999.9	99.9	999.9	62.7	35.
26.3	91.0	10086.6	250.3	-48.7	99.9	219.7	66.80	42.6	51.4	333.7	999.9	99.9	999.9	70.1	35.
31.3	98.3	11152.2	225.3	-52.6	99.9	219.3	61.90	39.2	47.8	337.9	999.9	99.9	999.9	78.9	36.
34.2	104.3	11237.6	200.3	-54.7	99.9	214.8	47.80	27.3	39.2	346.1	999.9	99.9	999.9	87.8	36.
37.2	110.3	12756.1	175.3	-57.5	99.9	211.6	54.00	28.3	46.0	355.1	999.9	99.9	999.9	96.6	36.
41.3	116.7	13731.7	150.0	-53.5	99.9	218.8	53.70*	33.7	41.9	374.5	999.9	99.9	999.9	106.2	35.
46.4	123.9	14939.4	125.0	-52.3	99.9	252.3	22.90*	21.8	7.0	400.3	999.9	99.9	999.9	117.2	37.
49.5	131.7	16381.9	100.0	-54.3	99.9	186.2	27.30	3.0	27.2	422.8	999.9	99.9	999.9	123.7	37.
55.5	140.3	18177.6	75.0	-55.7	99.9	82.5	10.70	-10.6	-1.6	456.2	999.9	99.9	999.9	129.3	37.
63.1	148.7	20769.6	50.0	-53.0	99.9	143.8	11.10	-6.7	8.9	518.7	999.9	99.9	999.9	132.8	37.
75.4	158.3	25244.8	25.0	-65.8	99.9	109.1	8.30	-7.8	2.7	653.0	999.9	99.9	999.9	136.3	35.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, NEW MEXICO

9 MAY 1979
2305 GMT

135 28. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	19.7	1619.3	827.5	10.6	2.2	120.0	3.1	-2.7	1.5	299.5	314.7	5.4	56.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	20.0	1644.2	825.0	9.0	4.6	85.4	1.9	-1.9	-0.1	298.2	317.9	6.5	73.8	0.1	305.
1.0	22.1	1947.9	800.0	5.6	0.7	18.6	1.0	-0.3	-1.0	297.2	311.1	5.0	70.2	0.1	287.
1.7	24.3	2157.1	775.0	3.6	-2.0	293.7	3.9	3.6	-1.6	297.7	309.6	4.3	66.8	0.1	237.
2.9	26.5	2492.4	750.0	1.4	-3.6	288.3	6.9	6.7	-1.7	298.1	309.2	3.9	69.1	0.4	106.
3.7	28.7	2694.9	725.0	-0.8	-4.7	287.7	7.7	7.7	0.3	298.6	309.1	3.7	74.9	0.8	102.
4.9	31.1	2973.7	700.0	-3.5	-5.5	282.3	10.5	10.0	3.2	298.7	309.0	3.6	86.0	1.3	91.
6.2	33.5	3263.9	675.0	-5.4	-8.1	283.3	13.2	11.8	5.9	299.6	308.5	3.1	81.0	2.3	82.
7.3	35.9	3536.0	650.0	-7.7	-13.1	283.0	16.3	13.8	12.0	300.3	308.6	2.1	66.9	3.1	74.
8.4	38.4	3860.0	625.0	-10.1	-16.1	285.4	22.5	16.0	15.8	301.0	306.2	1.7	61.0	4.5	65.
9.6	41.0	4173.3	600.0	-12.2	-15.3	282.6	23.4	15.9	17.3	302.0	307.3	1.8	71.5	6.1	59.
10.5	43.7	4497.6	575.0	-13.4	-17.3	279.4	23.1	14.7	17.9	302.9	306.0	1.7	80.1	7.3	56.
11.4	46.4	4832.4	550.0	-17.1	-19.2	283.9	22.5	12.6	18.7	303.8	305.9	1.7	91.3	8.4	54.
12.3	49.3	5180.5	525.0	-19.5	-21.4	282.5	24.0	12.9	20.2	305.0	309.1	1.3	84.9	9.6	51.
13.4	52.2	5541.2	500.0	-22.3	-23.9	282.9	25.8	14.0	21.7	305.8	309.3	1.1	86.7	11.2	48.
14.5	55.3	5916.2	475.0	-24.9	-33.9	284.8	31.7	18.1	26.0	307.1	309.1	0.6	58.1	13.0	46.
15.6	58.4	6307.9	450.0	-27.3	-39.4	288.2	40.4	25.0	31.7	308.9	309.9	0.3	33.7	15.4	45.
16.7	61.7	6714.2	425.0	-28.0	-43.0	287.0	49.6	29.8	39.6	313.1	313.8	0.2	22.1	18.3	44.
18.3	65.1	7158.0	400.0	-23.2	-42.1	284.7	62.2	35.4	51.1	324.8	325.7	0.2	15.7	23.6	42.
20.2	68.7	7624.5	375.0	-25.9	-44.5	285.6	67.3*	39.2	54.7	327.3	328.0	0.2	15.6	31.3	40.
22.1	72.5	8124.1	350.0	-29.8	-47.1	287.4	66.6*	40.5	52.8	328.6	329.2	0.2	16.6	38.8	39.
23.6	76.5	8667.3	325.0	-34.6	-51.0	289.7	68.6*	43.8	52.8	329.0	329.4	0.1	17.3	45.1	39.
25.5	80.7	9230.9	300.0	-39.8	99.9	292.1	66.5*	44.6	49.3	329.3	999.9	99.9	999.9	52.4	39.
27.9	85.2	9788.9	275.0	-44.1	99.9	289.9	69.1*	44.4	53.0	331.3	999.9	99.9	999.9	62.2	40.
30.3	90.0	10424.8	250.0	-47.0	99.9	288.6	55.6*	34.7	43.5	336.2	999.9	99.9	999.9	70.4	40.
32.2	95.0	11114.5	225.0	-52.0	99.9	285.7	62.7*	36.6	50.9	338.9	999.9	99.9	999.9	78.7	40.
35.3	100.5	11876.4	200.0	-53.2	99.9	288.1	47.8*	22.5	42.1	348.6	999.9	99.9	999.9	86.6	39.
38.0	106.5	12730.3	175.0	-56.2	99.9	286.5	54.2**	32.2	43.6	337.1	999.9	99.9	999.9	96.9	38.
42.1	113.0	13710.3	150.0	-53.7	99.9	284.0	28.4**	15.9	23.5	377.5	999.9	99.9	999.9	105.8	38.
46.2	120.9	14880.1	125.0	-55.7	99.9	227.6	29.1*	21.5	19.6	394.2	999.9	99.9	999.9	113.4	38.
51.1	127.3	16315.9	100.0	-54.8	99.9	142.2	20.4*	-12.5	16.1	421.9	999.9	99.9	999.9	121.4	39.
57.2	135.7	18132.3	75.0	-57.0	99.9	166.4	16.3*	-3.9	15.9	453.5	999.9	99.9	999.9	125.5	39.
65.8	144.3	20722.5	50.0	-55.2	99.9	218.9	14.9*	8.9	11.9	513.4	999.9	99.9	999.9	129.5	3 .
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, NEW MEXICO

10 MAY 1979
205 GMT

117 81. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	24.1	1619.3	829.6	10.6	-6.4	270.0	7.2	7.2	0.0	299.5	311.2	4.2	43.0	0.0	0.
99.9	99.9	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	24.5	1653.3	825.0	9.9	-1.4	268.8	7.9	7.9	0.2	299.1	310.6	4.1	43.7	0.1	35.
3.3	27.0	1937.5	800.0	7.1	-5.2	261.5	9.8	9.7	1.4	298.8	309.1	3.3	41.2	0.5	87.
2.3	24.7	2157.6	775.0	4.8	-6.4	257.8	10.4	10..	2.2	299.0	307.5	3.0	42.6	1.2	82.
1.3	32.3	2433.8	750.0	2.3	-7.3	249.8	9.5	9.0	3.3	297.0	307.5	2.9	49.0	1.8	80.
1.9	35.1	2736.5	725.0	-0.1	-8.2	237.9	9.8	8.3	5.2	299.4	307.6	2.8	58.4	2.4	76.
4.3	37.9	2966.0	700.0	-2.8	-9.3	224.3	10.5	8.0	6.9	299.4	307.2	2.7	63.8	2.9	72.
4.3	43.7	3272.9	675.0	-5.6	-8.9	223.6	11.5	7.9	8.3	299.6	307.8	2.9	73.2	3.6	67.
7.3	47.4	3549.9	650.0	-7.8	-8.6	226.9	10.3	7.2	7.3	300.2	308.1	3.1	68.0	4.1	61.
7.9	45.3	3871.7	625.0	-10.5	-10.5	223.9	9.7	6.7	7.0	300.5	308.5	2.8	100.9	4.7	61.
9.3	47.2	4185.6	600.0	-12.1	-12.1	220.6	11.2	7.3	8.5	302.1	309.5	2.5	100.9	5.2	59.
9.4	52.2	4505.8	575.0	-15.8	-17.7	215.8	13.4	7.8	10.9	303.5	309.5	1.7	85.3	5.9	57.
11.3	55.3	4842.9	550.0	-17.9	-20.2	219.9	14.4	9.2	11.1	302.9	307.1	1.4	81.8	6.9	53.
12.3	53.6	5194.9	525.0	-21.1	-27.6	231.0	14.6	11.3	9.2	303.1	305.5	0.8	55.6	7.8	51.
14.2	61.5	5567.2	500.0	-23.7	-32.5	235.3	17.1	14.0	9.7	304.1	305.7	0.5	44.0	8.8	53.
14.5	64.7	5920.7	475.0	-26.0	-31.0	231.2	20.9	16.3	13.1	305.8	307.8	0.6	62.5	10.3	53.
15.3	69.1	6311.1	450.0	-28.7	-51.3	224.8	31.8	22.4	22.6	309.7	310.3	0.1	8.0	12.6	52.
17.6	71.5	6722.9	425.0	-27.6	-51.5	218.1	43.5	25.8	35.1	313.7	314.0	0.1	8.0	16.2	49.
19.5	75.0	7163.1	400.0	-25.3	-47.2	215.1	55.6	31.9	45.5	322.1	322.6	0.1	10.8	21.5	45.
21.7	79.7	7629.3	375.0	-26.5	-46.3	217.7	66.8	40.8	52.8	326.5	327.1	0.2	13.8	29.5	43.
21.4	82.4	8122.9	350.0	-30.5	-48.5	218.6	69.1*	43.1	54.0	327.6	328.1	0.1	15.2	36.6	42.
24.3	86.3	8644.6	325.0	-34.6	-56.1	223.9	63.9*	41.8	48.4	329.0	329.2	0.1	11.7	42.9	42.
27.2	93.4	9199.4	300.0	-38.9	-55.7	222.4	67.3*	45.4	49.7	330.6	330.8	0.1	14.8	51.7	42.
27.5	98.8	9793.6	275.0	-41.8	99.9	222.1	65.5*	43.9	48.6	331.8	9.9.9	99.9	999.9	61.0	42.
31.9	99.2	10429.7	250.0	-46.3	99.9	225.6	62.2*	44.4	43.6	337.3	999.9	99.9	999.9	70.3	42.
34.9	104.9	11125.3	225.0	-49.5	99.9	228.6	55.1*	36.4	41.4	344.3	999.9	99.9	999.9	83.9	42.
37.9	109.0	11907.3	200.0	-51.3	99.9	203.2	55.5*	21.5	51.0	351.6	999.9	99.9	999.9	99.3	43.
41.6	114.5	12793.0	175.0	-52.4	99.9	213.2	50.2**	27.5	42.0	363.4	999.9	99.9	999.9	102.8	39.
45.3	120.5	13753.3	150.0	-56.3	99.9	214.0	40.2**	23.6	31.5	376.5	999.9	99.9	999.9	113.1	38.
46.6	127.0	14810.3	125.0	-59.8	99.9	24..1	14.5**	13.4	5.6	388.5	999.9	99.9	999.9	119.2	38.
56.6	134.3	16016.1	100.0	-57.6	99.9	999.9	99.9*	99.9	99.9	416.4	999.9	99.9	999.9	121.6	39.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 365
ALBUQUERQUE, NEW MEXICO

10 MAY 1979
505 GMT

163 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	23.7	1819.9	831.5	5.6	-0.0	270.0	7.2	7.2	0.0	293.9	306.5	4.6	87.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	24.3	1683.3	825.0	4.9	-0.5	275.7	10.8	10.8	-1.1	293.8	306.1	4.5	89.2	0.4	95.
1.1	23.5	1933.8	800.0	3.4	-2.4	277.8	10.2	10.1	-1.4	294.8	305.9	4.0	85.8	0.8	98.
2.1	25.8	2191.3	775.0	2.5	-5.9	276.9	8.9	8.9	-1.1	296.5	305.5	3.2	53.8	1.3	97.
3.1	24.2	2455.2	750.0	0.1	-7.4	270.5	8.0	8.0	-0.1	296.7	305.1	2.9	57.2	1.8	97.
4.3	33.5	2726.1	725.0	-1.9	-6.4	262.3	6.3	6.3	0.8	297.4	306.8	3.3	71.3	2.2	94.
5.3	31.0	3003.7	700.0	-4.6	-6.6	267.4	5.4	5.4	0.2	297.4	306.9	3.3	85.2	2.6	93.
6.3	35.5	3289.3	675.0	-6.9	-7.4	268.4	5.7	5.7	0.2	298.0	307.2	3.2	95.7	2.9	93.
6.9	33.1	3582.6	650.0	-9.3	-9.6	262.2	6.1	6.1	0.8	298.4	306.6	2.8	97.8	3.2	92.
8.3	43.7	3884.9	625.0	-11.7	-12.3	257.0	7.6	7.4	1.7	299.1	306.1	2.4	96.9	3.6	90.
9.1	43.4	4196.1	600.0	-14.6	-16.0	247.4	9.0	8.3	3.5	299.2	304.7	1.8	89.4	4.2	88.
10.2	44.2	4517.1	575.0	-16.7	-19.3	238.7	11.1	9.5	5.8	300.4	304.8	1.4	83.6	4.8	85.
11.4	49.1	4849.5	550.0	-19.5	-22.4	236.3	13.1	10.9	7.1	301.0	304.5	1.1	77.5	5.6	83.
12.7	52.0	5194.2	525.0	-21.3	-24.8	237.8	15.6	13.2	8.3	302.8	305.0	0.7	53.5	6.8	77.
14.0	55.2	5552.8	500.0	-23.6	-32.7	231.2	19.5	15.2	12.2	304.3	305.9	0.5	42.7	7.8	73.
15.2	53.6	5926.5	475.0	-25.7	-36.9	223.6	26.1	18.0	18.9	306.2	307.3	0.3	33.8	9.4	69.
16.7	64.7	6317.6	450.0	-26.4	-45.6	220.1	37.9	26.4	29.0	308.1	310.6	0.1	14.2	11.8	67.
19.3	65.1	6731.8	425.0	-24.7	-45.0	214.4	51.3	28.9	42.3	317.4	318.0	0.2	13.2	15.9	58.
23.2	64.7	7173.0	400.0	-24.4	-46.6	212.5	57.6	30.9	48.6	323.2	323.8	0.1	10.7	22.0	49.
22.1	72.5	7643.9	375.0	-27.2	-48.2	215.2	62.2	35.8	50.8	325.6	326.1	0.1	11.5	28.7	45.
23.2	76.5	8134.8	350.0	-30.7	-50.8	218.5	60.1	42.4	53.3	327.4	327.8	0.1	11.8	32.9	44.
24.5	83.7	8656.2	325.0	-35.4	-52.7	219.8	65.50	41.9	50.4	327.9	328.2	0.1	10.9	37.9	44.
26.5	85.0	9207.3	300.0	-39.7	-56.1	222.5	64.30	43.4	47.4	329.5	329.7	0.1	15.3	46.1	43.
29.6	89.6	9787.2	275.0	-44.3	99.9	224.0	67.00	46.5	48.3	331.1	999.9	99.9	999.9	58.0	43.
31.4	94.6	10431.9	250.0	-47.7	99.9	225.2	60.20	42.8	42.4	335.2	999.9	99.9	999.9	65.0	43.
34.0	99.8	11122.9	225.0	-50.4	99.9	213.6	50.50	27.9	32.1	341.2	999.9	99.9	999.9	73.7	43.
37.6	105.5	11899.3	200.0	-52.4	99.9	203.3	49.60	19.6	45.6	349.7	999.9	99.9	999.9	82.8	41.
40.9	111.5	12746.5	175.0	-55.8	99.9	213.4	47.70	26.1	41.2	357.9	999.9	99.9	999.9	93.5	40.
45.3	119.1	13733.2	150.0	-56.6	99.9	217.1	32.00	19.3	25.5	376.1	999.9	99.9	999.9	102.0	39.
47.6	122.3	14785.7	125.0	-57.3	99.9	217.8	27.50	16.9	21.7	387.6	999.9	99.9	999.9	111.0	39.
50.7	127.7	16009.3	100.0	-55.2	99.9	172.6	19.40	-2.5	19.2	421.0	999.9	99.9	999.9	116.8	39.
53.2	131.3	18124.9	75.0	-55.7	99.9	213.5	13.30	7.3	11.1	456.2	999.9	99.9	999.9	121.1	38.
64.5	143.3	20695.3	50.0	-55.1	99.9	98.3	10.20	-10.1	1.5	513.8	999.9	99.9	999.9	123.8	38.
82.1	158.3	25190.7	25.0	-49.2	99.9	132.0	10.3	-7.7	6.9	663.6	999.9	99.9	999.9	122.0	36.

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STATION NO. 365
ALBUQUERQUE, NEW MEXICO

18 MAY 1979
805 GMT

321 78. 0

TIME MIN	GEOPOT GPM	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
1.3	23.9	1614.3	832.0	3.3	-0.5	175.0	2.1	-0.2	2.1	291.4	303.4	4.4	76.0	0.3	9.
1.3	99.9	99.9	1333.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	99 .9	999.9	999.
1.3	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
1.3	99.9	99.9	953.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
1.3	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
1.3	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
1.3	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
1.3	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
1.3	21.6	1667.4	825.0	3.7	-1.4	219.7	2.7	1.7	2.1	292.5	304.1	4.2	69.3	0.1	351.
1.3	23.6	1737.4	800.0	2.2	-2.3	235.5	4.5	3.8	2.3	293.5	304.7	4.1	72.5	0.2	26.
1.3	25.9	2193.3	775.0	0.7	-1.7	265.4	7.0	7.0	0.6	294.6	306.6	4.4	83.9	0.4	55.
1.3	27.2	2453.3	753.0	-1.1	-3.8	275.1	7.4	6.7	-3.1	295.3	306.1	3.9	82.1	0.8	76.
1.3	28.4	2723.3	725.0	-3.4	-5.3	310.3	8.6	6.6	-5.4	295.8	305.7	3.5	86.2	1.1	98.
1.3	30.3	3011.3	700.0	-5.9	-6.1	338.7	7.6	5.9	-4.7	296.0	305.7	3.5	95.1	1.5	108.
1.3	32.5	3254.4	675.0	-8.4	-8.4	336.6	5.1	4.1	-3.0	296.3	304.8	3.0	100.1	1.9	110.
1.3	34.1	3574.1	650.3	-9.9	-11.7	282.8	4.3	4.2	-0.9	297.8	304.9	2.4	86.4	2.2	111.
1.3	34.7	3[illegible]	625.0	-11.0	-16.5	272.3	7.1	7.1	-0.3	299.9	304.9	1.7	63.8	2.5	109.
1.3	43.6	4164.9	600.3	-11.3	-20.2	262.2	9.3	9.2	1.3	300.7	304.6	1.3	56.1	3.0	105.
1.3	45.2	4501.3	575.3	-14.1	-23.9	251.2	11.9	10.5	3.6	301.1	304.1	1.0	51.5	3.6	100.
1.3	46.1	4844.3	550.0	-17.2	-22.3	246.2	12.2	10.9	5.3	301.4	305.0	1.2	77.9	4.3	95.
1.3	47.1	5187.5	525.0	-21.5	-25.3	234.9	14.5	11.9	8.3	302.6	305.5	0.9	73.9	5.1	88.
1.3	48.1	5535.4	500.3	-23.3	-33.6	226.7	21.6	15.7	14.8	304.7	305.5	0.2	21.1	6.3	83.
1.3	49.8	5886.2	475.0	-23.8	-46.4	221.9	30.4	20.3	22.6	308.8	309.0	0.1	10.2	8.3	79.
1.3	51.7	6241.7	450.0	-25.6	-45.5	219.6	40.0	25.5	30.8	311.3	311.5	0.1	13.2	11.8	63.
1.3	53.1	6712.9	425.0	-26.1	-42.7	213.5	49.4	27.3	41.2	315.5	316.2	0.2	19.5	14.7	56.
1.3	54.7	7172.2	400.0	-26.0	-48.1	211.4	54.6	28.5	46.8	321.2	321.6	0.1	10.5	19.1	50.
1.3	72.4	7631.2	375.0	-27.7	-44.4	212.3	59.7	31.4	49.6	325.0	325.5	0.1	11.8	24.1	46.
1.3	76.1	8131.2	350.3	-31.0	-49.7	215.6	61.1	35.6	49.7	327.0	327.4	0.1	13.7	29.3	44.
1.3	83.5	8651.7	325.0	-35.6	-52.3	217.9	63.6	39.0	50.2	327.6	329.0	0.1	16.7	35.1	43.
1.3	86.3	9201.3	300.0	43.7	99.9	219.1	64.80	40.0	51.0	328.0	999.9	99.9	999.9	43.4	42.
1.3	89.8	9734.4	275.0	-44.3	99.9	220.0	67.10	43.2	51.4	331.1	999.9	99.9	999.9	51.6	41.
1.3	94.4	10271.6	250.3	-45.4	99.9	221.9	64.10	42.6	47.7	334.2	999.9	99.9	999.9	59.7	41.
1.3	94.6	10811.2	225.0	-49.1	99.9	217.3	56.30	34.1	44.8	343.3	999.9	99.9	999.9	68.1	41.
1.3	100.3	11382.4	200.0	-52.1	99.9	212.3	48.70	25.8	41.3	350.3	999.9	99.9	999.9	77.1	40.
39.6	111.3	12744.7	175.0	-53.1	99.9	208.4	48.60	23.1	42.7	362.3	999.9	99.9	999.9	84.6	39.
41.3	114.3	13729.1	150.3	-52.9	99.9	214.7	41.00	25.6	32.0	3nn.4	999.9	99.9	999.9	91.8	39.
45.1	125.0	14874.1	125.0	-55.7	99.9	227.7	29.50	21.8	19.8	394.2	999.9	99.9	999.9	99.4	39.
47.2	132.7	16243.1	100.0	-56.2	99.9	202.3	21.10	8.8	19.5	419.3	999.9	99.9	999.9	106.8	43.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	99 .9	999.

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STATION NO. 365
ALBUQUERQUE, NEW MEXICO

10 MAY 1979
1100 GMT

139 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	19.8	1619.3	832.5	3.3	0.5	180.0	3.6	0.0	3.6	291.3	304.3	4.8	82.0	0.0	0.
99.9	99.9	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	20.5	1692.8	825.0	3.8	0.1	216.0	3.7	2.2	3.0	292.6	305.3	4.7	76.8	0.1	7.
1.1	22.6	1342.5	800.0	2.6	-2.3	251.6	3.2	3.0	1.0	294.0	305.1	4.0	69.8	0.2	26.
1.9	24.7	2192.6	775.0	0.7	-4.0	291.6	4.4	4.1	-1.6	296.5	304.8	3.7	71.1	0.3	57.
2.8	27.3	2463.3	750.0	-1.8	-5.9	300.5	6.7	5.8	-3.4	296.6	303.8	3.3	73.1	0.5	87.
3.8	29.3	2724.9	725.0	-4.1	-7.7	309.4	7.8	6.0	-5.0	296.9	303.3	3.0	76.4	0.9	105.
4.8	31.5	3005.6	700.0	-6.6	-8.4	307.3	8.8	7.0	-5.4	295.2	303.4	2.9	86.4	1.4	114.
6.0	34.0	3284.5	675.0	-9.5	-9.7	291.9	9.3	8.6	-3.5	295.1	302.8	2.7	98.5	2.1	117.
7.1	36.4	3563.5	650.0	-9.4	-10.7	273.6	7.6	7.5	-0.5	298.3	305.8	2.6	90.1	2.6	113.
8.3	38.9	3842.4	625.0	-10.9	-17.7	277.2	9.1	9.0	-1.1	300.0	304.6	1.5	57.3	3.1	110.
9.3	41.6	4121.3	600.0	-12.7	-21.1	279.2	10.5	10.4	-1.7	301.5	305.1	1.2	49.1	3.8	108.
10.4	44.2	4519.7	575.0	-15.7	-23.7	275.5	11.0	10.9	-1.1	301.6	304.6	1.0	50.0	4.4	107.
11.5	47.0	4952.3	550.0	-19.2	-26.6	267.1	11.1	11.1	0.6	302.5	305.0	0.8	47.4	5.2	105.
12.8	49.9	5197.6	525.0	-21.2	-31.0	261.8	12.0	11.9	1.7	303.0	304.8	0.5	40.4	6.0	102.
14.0	52.9	5456.7	500.0	-23.1	-36.3	254.5	13.6	13.1	3.6	304.9	306.0	0.3	28.6	6.9	99.
15.4	56.0	5929.5	475.0	-26.2	-40.0	241.8	18.8	16.5	8.9	305.6	306.5	0.2	25.7	8.0	96.
16.8	59.1	6318.9	450.0	-28.6	-41.2	231.1	28.4	22.1	17.8	307.3	308.1	0.2	28.2	9.5	87.
18.1	62.5	6727.9	425.0	-28.9	-46.1	220.3	41.6	26.9	31.7	312.0	312.5	0.1	17.3	11.8	78.
19.9	66.0	7163.6	400.0	-28.9	-49.0	213.1	50.1	27.3	41.9	317.4	317.8	0.1	12.2	15.9	65.
21.8	69.7	7627	375.0	-29.4	-49.4	211.0	54.7	28.2	46.9	322.7	323.1	0.1	12.3	19.9	58.
22.7	73.5	811 [illegible]	350.0	-32.5	-51.7	212.9	59.0	32.1	49.5	324.9	325.3	0.1	12.6	24.2	53.
24.6	77.5	8631.4	325.0	-35.3	-53.8	216.0	61.2	35.9	49.5	328.1	328.4	0.1	12.8	30.5	49.
26.9	81.7	9184.1	300.0	-39.6	-55.8	217.8	66.3*	40.7	52.4	329.6	329.8	0.1	15.8	39.5	46.
29.9	86.3	9773.2	275.0	-44.4	99.9	220.0	70.2*	45.2	53.8	331.0	999.9	99.9	999.9	47.5	45.
31.3	91.2	10404.4	250.0	-48.8	99.9	220.7	66.8*	43.5	50.7	333.5	999.9	99.9	999.9	57.3	44.
33.9	96.3	11096.0	225.0	-50.8	99.9	219.7	56.3*	36.0	43.3	340.7	999.9	99.9	999.9	67.2	44.
36.7	101.9	11859.0	200.0	-51.6	99.9	219.2	42.0*	26.5	32.5	351.0	999.9	99.9	999.9	75.8	43.
40.3	107.9	12724.7	175.0	-53.3	99.9	212.0	42.1*	22.3	35.7	361.9	999.9	99.9	999.9	82.6	43.
43.5	114.3	13702.8	150.0	-58.5	99.9	221.5	47.8*	31.7	35.8	369.4	999.9	99.9	999.9	93.9	41.
46.9	121.2	14877.1	125.0	-49.3	99.9	227.0	19.8*	14.5	13.5	405.7	999.9	99.9	999.9	103.8	42.
54.9	128.3	16318.2	100.0	-54.7	99.9	194.4	16.0*	4.0	15.5	422.1	999.9	99.9	999.9	108.7	42.
60.9	136.3	18136.1	75.0	-57.0	99.9	159.5	12.8*	-4.5	11.9	453.5	999.9	99.9	999.9	114.7	42.
69.7	145.3	20716.6	50.0	-53.6	99.9	248.4	8.3*	7.3	-3.9	516.7	999.9	99.9	999.9	114.7	41.
82.5	153.7	25218.2	25.0	-48.7	99.9	180.4	2.6	-0.9	2.4	665.0	999.9	99.9	999.9	113.4	39.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS

9 MAY 1979
1100 GMT

168 12. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.5	175.0	991.0	18.3	17.0	160.0	3.1	-1.1	2.9	292.2	324.2	12.4	92.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	9.0	315.2	975.0	18.8	17.7	999.9	99.9	99.9	99.9	294.1	328.3	13.2	93.5	999.9	999.
1.3	11.3	539.4	950.0	19.4	17.6	999.9	99.9	99.9	99.9	296.9	332.2	13.5	89.5	999.9	999.
2.1	13.7	769.7	925.0	18.7	17.0	999.9	99.9	99.9	99.9	298.4	333.6	13.3	89.9	1.7	10.
2.8	16.1	1004.8	900.0	16.7	15.1	202.8	16.0	6.2	14.8	298.7	331.0	12.1	90.4	2.4	14.
3.7	18.5	1245.2	875.0	15.4	13.3	199.2	12.1	4.0	11.5	299.8	329.4	11.1	87.8	3.2	16.
4.6	21.0	1492.1	850.0	17.4	2.9	190.6	8.3	1.5	8.2	304.3	320.1	5.6	38.0	3.7	16.
5.5	23.4	1746.7	825.0	16.2	1.9	190.7	8.1	1.5	8.0	305.7	320.9	5.3	36.2	4.1	15.
6.4	25.8	2007.2	800.0	14.0	-1.0	186.5	6.5	0.7	6.4	306.1	318.9	4.4	35.4	4.5	15.
7.3	28.6	2275.3	775.0	14.1	-16.0	182.9	4.8	0.2	4.8	309.0	313.5	1.4	10.9	4.8	14.
8.2	31.1	2553.4	750.0	13.6	-41.6	171.3	3.3	-0.5	3.3	311.4	311.8	0.1	1.0	5.1	14.
9.1	33.8	2838.9	725.0	11.9	-42.6	156.4	3.0	-1.2	2.7	312.5	312.9	0.1	1.0	5.2	13.
10.1	36.4	3129.8	700.0	9.7	-44.0	142.1	3.2	-2.0	2.5	313.2	313.6	0.1	1.0	5.3	11.
11.2	39.2	3427.2	675.0	8.0	-45.0	135.4	4.0	-2.8	2.9	314.6	315.0	0.1	1.0	5.5	9.
12.3	42.0	3730.5	650.0	5.5	-46.5	131.9	4.7	-3.5	3.1	315.2	315.6	0.1	1.0	5.6	7.
13.3	44.8	4035.5	625.0	3.1	-48.0	119.4	5.2	-4.5	2.6	316.0	316.3	0.1	1.0	5.8	4.
14.5	47.8	4344.2	600.0	0.6	-49.6	123.7	5.7	-4.7	3.2	316.9	317.1	0.1	1.0	5.9	1.
15.7	50.8	4726.2	575.0	-1.3	-50.8	143.2	5.5	-3.3	4.4	318.4	318.7	0.1	1.0	6.2	358.
16.8	53.8	5076.9	550.0	-3.4	-52.1	151.5	5.6	-2.7	5.0	320.1	320.3	0.1	1.0	6.5	357.
18.0	56.8	5442.8	525.0	-6.1	-53.8	165.0	5.4	-1.4	5.2	321.1	321.3	0.0	1.0	6.9	355.
19.2	60.0	5822.3	500.0	-9.2	-55.8	176.0	5.6	-0.4	5.6	321.8	321.9	0.0	1.0	7.3	355.
20.5	63.3	6216.2	475.0	-12.3	-57.7	181.8	6.3	0.2	6.3	322.7	322.9	0.0	1.0	7.8	355.
21.8	66.6	6627.3	450.0	-15.8	-59.9	183.3	7.0	0.4	7.0	323.4	323.6	0.0	1.0	8.3	356.
23.3	70.0	7055.2	425.0	-19.2	-62.1	188.1	7.1	1.0	7.0	324.4	324.5	0.0	1.0	8.9	357.
24.9	73.6	7502.5	400.0	-23.4	-64.9	190.7	9.2	1.7	9.1	324.6	324.6	0.0	1.0	9.6	358.
26.6	77.3	7971.5	375.0	-26.9	-66.6	183.3	9.7	0.6	9.7	326.0	326.1	0.0	1.1	10.5	359.
28.0	81.0	8466.5	350.0	-31.2	-69.6	178.2	9.8	-0.3	9.8	326.7	326.8	0.0	4.7	11.5	359.
29.7	85.0	8986.3	325.0	-35.8	-62.3	189.6	9.6	1.6	9.5	327.4	327.5	0.0	9.2	12.5	359.
31.6	89.2	9537.1	300.0	-39.4	99.9	207.8	8.7	4.0	7.7	329.9	999.9	99.9	999.9	13.3	0.
33.5	93.5	10127.3	275.0	-44.0	99.9	213.2	8.9	4.9	7.5	331.5	999.9	99.9	999.9	14.3	3.
35.7	98.0	10760.4	250.0	-48.2	99.9	220.2	9.9	6.4	7.6	334.5	999.9	99.9	999.9	15.3	5.
38.0	102.8	11447.8	225.0	-52.4	99.9	227.4	11.0	8.1	7.4	338.2	999.9	99.9	999.9	16.4	8.
40.5	108.0	12202.6	200.0	-55.8	99.9	229.8	13.0	9.9	8.4	344.3	999.9	99.9	999.9	17.8	12.
43.5	113.8	13046.4	175.0	-59.2	99.9	240.0	15.9	13.7	7.9	352.3	999.9	99.9	999.9	19.8	17.
46.8	119.8	14008.8	150.0	-60.9	99.9	239.3	15.6	13.4	8.0	365.2	999.9	99.9	999.9	22.0	22.
50.3	126.5	15136.2	125.0	-63.2	99.9	243.9	14.4	13.0	6.4	380.5	999.9	99.9	999.9	24.8	28.
54.9	134.0	16503.4	100.0	-65.3	99.9	244.9	12.6	11.4	5.3	401.5	999.9	99.9	999.9	27.7	32.
60.4	142.3	18269.6	75.0	-61.5	99.9	248.9	12.2	11.4	4.4	444.1	999.9	99.9	999.9	31.8	37.
67.9	151.3	20809.6	50.0	-57.9	99.9	257.9	6.3	6.2	0.9	807.1	999.9	99.9	999.9	34.1	39.
79.7	161.0	25257.8	25.0	-47.7	99.9	999.9	99.9	99.9	99.9	647.5	999.9	99.9	999.9	31.8	40.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS

9 MAY 1979
2300 GMT

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

102 11. 1

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.9	175.0	990.2	28.8	20.6	160.0	5.1	-1.7	4.8	300.8	342.4	15.7	69.2	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	9.3	311.9	975.0	25.8	18.5	999.9	99.9	99.9	99.9	301.1	338.1	13.9	64.2	999.9	999.
1.4	11.7	540.4	950.0	23.7	17.8	999.9	99.9	99.9	99.9	301.2	337.6	13.6	69.6	999.9	999.
2.2	14.1	773.2	925.0	21.3	17.3	999.9	99.9	99.9	99.9	301.1	337.4	13.6	77.9	1.1	338.
3.1	16.6	1010.8	900.0	19.3	17.3	178.8	9.1	-0.2	9.1	301.5	338.7	14.0	87.9	1.5	342.
3.9	19.0	1253.1	875.0	17.1	16.0	182.7	9.5	0.5	9.5	301.4	336.9	13.2	92.9	2.0	347.
4.8	21.5	1500.9	850.0	15.4	14.2	182.6	10.2	0.5	10.2	302.3	335.0	12.1	92.8	2.8	350.
5.8	24.0	1754.2	825.0	14.3	12.5	187.4	11.0	1.4	10.9	303.7	334.0	11.1	88.7	3.1	353.
6.9	26.6	2014.3	800.0	12.7	10.5	187.3	11.4	1.4	11.3	304.7	332.4	10.1	86.4	3.8	356.
7.9	29.2	2281.0	775.0	11.5	7.5	188.4	9.4	1.4	9.3	306.2	329.8	8.5	76.7	4.5	358.
9.0	31.9	2554.7	750.0	9.3	6.1	190.3	7.8	1.4	7.7	306.7	329.0	7.9	80.3	5.0	359.
10.0	34.5	2835.9	725.0	8.1	2.2	198.7	7.2	2.3	6.8	308.4	326.3	6.2	66.4	5.4	0.
11.0	37.2	3125.8	700.0	8.2	-13.5	218.8	5.2	3.3	4.1	311.6	318.3	2.2	22.8	5.8	2.
12.0	39.9	3425.5	675.0	7.5	-45.3	258.3	3.6	3.5	0.7	314.1	314.4	0.1	1.0	6.0	3.
12.9	42.9	3734.5	650.0	5.3	-46.7	266.7	4.1	4.1	0.2	315.0	315.3	0.1	1.0	6.0	6.
13.9	45.8	4053.2	625.0	3.2	-48.0	268.4	3.6	3.6	0.1	316.1	316.4	0.1	1.0	6.0	8.
15.1	48.8	4382.8	600.0	1.4	-49.1	272.5	2.6	2.6	-0.1	317.8	318.0	0.1	1.0	6.0	10.
16.3	51.8	4723.7	575.0	-0.8	-50.5	279.5	1.9	1.9	-0.3	319.0	319.3	0.1	1.0	6.1	11.
17.5	54.8	5076.6	550.0	-3.5	-50.6	263.2	1.5	1.5	0.2	320.0	320.2	0.1	1.2	6.1	12.
18.8	57.9	5441.9	525.0	-6.3	-53.9	253.3	2.1	1.7	1.2	320.9	321.1	0.0	1.0	6.1	13.
19.9	61.0	5821.2	500.0	-9.2	-52.4	233.0	2.1	1.6	1.2	321.8	322.0	0.1	1.5	6.3	14.
21.2	64.3	6215.1	475.0	-12.9	-58.1	231.8	2.4	1.9	1.5	322.0	322.1	0.0	1.0	6.4	15.
22.4	67.6	6624.9	450.0	-15.9	-60.0	231.9	4.6	3.6	2.8	323.2	323.3	0.0	1.0	6.6	16.
23.9	71.0	7052.6	425.0	-19.3	-61.1	234.0	7.2	5.8	4.2	324.3	324.4	0.0	1.2	7.0	19.
25.6	74.6	7500.0	400.0	-23.2	-58.4	246.1	7.4	6.8	3.0	324.9	325.0	0.0	2.3	7.6	22.
27.5	78.3	7968.4	375.0	-27.5	-59.3	244.5	7.3	6.6	3.2	325.3	325.4	0.0	3.1	8.2	27.
29.5	82.2	8460.7	350.0	-31.8	-58.3	229.3	6.3	4.7	4.2	325.9	326.0	0.0	5.3	8.9	30.
31.5	86.2	8979.7	325.0	-36.7	-56.3	217.5	5.8	3.5	4.6	326.2	326.4	0.1	10.9	9.6	30.
33.5	90.3	9529.2	300.0	-41.6	99.9	221.5	5.2	3.5	3.9	326.7	999.9	99.9	999.9	10.3	31.
35.4	94.7	10111.6	275.0	-46.2	99.9	213.8	5.0	2.8	4.2	328.3	999.9	99.9	999.9	10.8	31.
37.7	99.2	10744.4	250.0	-47.2	99.9	219.6	7.8	5.0	6.0	335.9	999.9	99.9	999.9	11.7	31.
40.2	104.2	11433.4	225.0	-52.3	99.9	235.6	8.0	6.6	4.5	338.3	999.9	99.9	999.9	12.8	33.
42.8	109.4	12189.7	200.0	-55.7	99.9	228.6	10.5	7.9	6.9	344.8	999.9	99.9	999.9	14.2	35.
45.7	115.0	13035.5	175.0	-57.8	99.9	229.8	13.8	10.5	8.9	354.5	999.9	99.9	999.9	16.3	37.
49.1	121.9	14031.3	150.0	-60.6	99.9	241.3	16.7	14.6	8.0	365.6	999.9	99.9	999.9	19.2	40.
52.9	127.9	15132.1	125.0	-62.9	99.9	249.3	15.3	14.3	5.4	381.2	999.9	99.9	999.9	22.7	44.
57.8	135.3	16504.6	100.0	-63.1	99.9	257.4	15.5	15.1	3.4	405.9	999.9	99.9	999.9	26.5	48.
63.7	143.7	18271.0	75.0	-64.1	99.9	254.9	9.4	9.1	2.5	438.6	999.9	99.9	999.9	30.3	52.
71.7	153.0	20798.9	50.0	-58.8	99.9	177.3	3.7	-0.2	3.7	508.8	999.9	99.9	999.9	32.7	54.
83.8	162.7	25265.8	25.0	-48.5	99.9	999.9	99.9	99.9	99.9	645.6	999.9	99.9	999.9	30.5	57.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 433
SALEM, ILLINOIS

10 MAY 1979
1100 GMT

157 26. 1

ANGLES ON THE HALF MINUTE HAVE BEEN LINEARLY INTERPOLATED FROM WHOLE MINUTE VALUES

TIME MIN	ENTER	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.9	175.0	9.1.2	19.3	18.8	140.3	2.6	-1.7	2.0	293.2	328.8	13.8	95.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.5	9.4	318.1	975.0	21.6	19.8	999.9	99.9	99.9	99.9	296.9	336.2	15.1	89.4	999.9	999.
1.3	10.7	544.6	950.0	21.5	19.4	999.9	99.9	99.9	99.9	299.8	338.8	15.1	87.6	999.9	999.
2.2	13.1	770.3	925.0	19.9	16.9	999.9	99.9	99.9	99.9	299.7	334.9	13.2	82.7	1.4	13.
3.1	15.5	1012.6	900.0	19.8	15.8	192.7	10.2	2.3	10.0	300.9	333.1	12.8	78.7	2.8	14.
3.9	17.9	1254.5	875.0	17.4	13.3	187.1	10.9	1.3	10.8	301.8	331.8	11.1	77.8	2.4	13.
4.9	20.3	1502.3	850.0	15.8	13.0	191.0	10.7	2.0	10.5	302.8	333.1	11.2	83.2	3.1	12.
5.7	22.9	1754.4	825.0	13.9	12.6	202.1	10.7	4.0	9.9	303.3	333.7	11.2	91.7	3.6	13.
6.5	25.3	2015.4	800.0	12.9	10.1	207.0	12.3	5.6	11.0	305.0	331.9	9.8	82.7	4.2	15.
7.5	27.8	2284.4	775.0	10.7	8.1	205.4	11.3	4.9	10.2	305.4	329.8	8.8	83.8	4.9	16.
8.7	30.4	2555.2	750.0	8.5	3.7	205.1	10.5	4.5	9.5	305.9	324.7	6.7	71.4	5.6	17.
9.7	33.1	2835.5	725.0	8.8	-15.6	208.4	8.8	4.2	7.8	309.1	313.9	1.6	16.8	6.2	18.
10.9	35.8	3125.4	700.0	8.2	-30.0	211.2	6.9	3.6	5.9	311.5	313.2	0.5	5.0	6.7	19.
11.9	38.4	3424.7	675.0	7.2	-45.5	222.5	5.8	3.7	4.3	313.7	314.1	0.1	1.0	7.1	20.
13.0	41.2	3734.0	650.0	6.0	-46.2	239.4	7.0	6.1	3.6	315.8	316.1	0.1	1.0	7.4	22.
14.0	44.1	4053.6	625.0	4.0	-47.5	253.7	9.6	9.2	2.7	317.0	317.3	0.1	1.0	7.8	24.
15.7	46.9	4383.2	600.0	1.1	-47.3	261.3	10.7	10.6	1.2	317.4	317.7	0.1	1.0	8.2	25.
16.3	49.9	4723.3	575.0	-1.9	-51.1	259.9	10.2	10.0	2.1	317.9	318.0	0.1	1.0	8.7	3..
17.5	52.9	5074.7	550.0	-4.9	-51.0	252.0	9.5	9.1	2.4	318.3	318.5	0.0	1.0	9.2	15.
18.9	56.0	5437.8	525.0	-8.0	-55.0	244.1	7.8	7.2	2.7	318.8	318.9	0.0	1.0	9.8	38.
21.1	59.1	5815.3	500.0	-10.7	-56.7	233.7	5.0	4.3	2.9	320.0	320.1	0.0	1.0	10.3	39.
21.5	62.3	6207.7	475.0	-13.3	-57.1	212.7	4.4	2.4	3.7	321.5	321.6	0.0	1.2	10.8	39.
22.3	65.6	6616.7	450.0	-15.1	-45.6	190.3	4.8	0.9	4.7	323.0	323.5	0.1	5.8	11.0	38.
24.4	69.1	7046.3	425.0	-17.9	-45.3	166.0	4.8	-1.2	4.7	323.5	324.1	0.2	8.2	11.3	37.
25.9	72.5	7491.2	400.0	-22.9	-50.9	234.7	2.8	1.2	2.5	325.2	325.6	0.1	5.7	11.5	35.
27.5	76.3	7951.6	375.0	-24.7	-56.2	333.2	5.4	4.6	-2.7	329.9	329.1	0.0	3.5	11.6	37.
29.2	80.0	8427.5	350.0	-28.9	-57.9	312.1	6.6	4.9	-4.4	327.8	330.8	0.0	4.1	11.6	40.
31.1	84.0	8920.4	325.0	-33.3	-60.0	311.8	7.7	5.7	-5.1	330.8	331.8	0.0	4.8	11..	44.
33.1	88.2	9432.5	300.0	-39.7	-62.9	307.9	9.5	7..	-5.9	336.2	999.9	99.9	999.9	11.7	49.
35.1	92.6	13134.5	275.0	-42.7	**	312.2	10.2	7.5	-6.8	333.4	999.9	99.9	999.9	12.0	55.
37.3	97.0	10770.3	250.0	-48.0	*	316.2	8.7	6.0	-6.3	334.7	999.9	99.9	999.9	12.2	60.
39.7	101.8	11457.0	225.0	-52.1	*	319.1	8.8	5.6	-6.5	338.7	999.9	99.9	999.9	12.6	66.
42.4	107.0	12211.7	200.0	-56.7	**	321.2	10.3	6.4	-8.0	343.0	999.9	99.9	999.9	13.8	72.
45.3	112.8	13064.2	175.0	-62.2	99.9	310.1	13.4	10.1	-8.6	347.3	999.9	99.9	999.9	14.0	80.
48.6	119.4	14033.6	150.0	-57.3	99.9	254.2	12.2	11.8	3.3	367.9	999.9	99.9	999.9	16.1	83.
52.6	125.7	15136.6	125.0	-62.2	99.9	249.5	17.1	16.0	6.0	392.3	999.9	99.9	999.9	19.3	80.
57.1	133.3	16512.3	100.0	-62.4	99.9	243.5	15.6	14.0	7.0	407.3	999.9	99.9	999.9	24.2	78.
62.9	142.0	18283.1	75.0	-65.9	99.9	262.3	5.6	5.6	0.8	436.7	999.9	99.9	999.9	27.5	76.
78.7	151.7	20809.6	50.0	-59.3	99.9	336.2	5.2	2.1	-4.7	503.8	999.9	99.9	999.9	28.6	76.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KANSAS

9 MAY 1979
1135 GMT

161 LO. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.4	791.3	909.5	20.0	16.4	180.0	6.7	0.0	6.7	301.2	336.2	13.1	80.0	0.0	0.
99.9	99.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	15.9	881.2	900.0	19.8	99.9	182.7	11.9	0.6	11.8	302.0	999.9	99.9	999.9	0.4	1.
1.3	19.2	1122.1	875.0	17.9	99.9	191.5	14.6	2.9	14.3	302.4	999.9	99.9	999.9	1.0	4.
2.2	23.7	1368.7	850.0	16.8	99.9	203.7	16.7	6.7	15.3	303.7	999.9	99.9	999.9	1.9	10.
3.0	23.3	1621.6	825.0	15.1	99.9	212.0	19.3	10.2	16.4	304.5	999.9	99.9	999.9	2.7	16.
3.7	25.9	1883.5	800.0	14.2	99.9	216.1	19.5	12.1	15.4	306.3	999.9	99.9	999.9	3.5	20.
4.3	24.5	2147.1	775.0	12.4	99.9	224.9	18.0	12.7	12.7	307.1	999.9	99.9	999.9	4.2	24.
5.3	31.2	2420.5	750.0	10.9	99.9	224.9	17.5	12.4	12.4	308.4	999.9	99.9	999.9	5.1	28.
6.3	33.9	2701.4	725.0	7.8	99.9	211.5	17.7	9.2	15.1	308.3	999.9	99.9	999.9	6.1	30.
7.6	36.7	2993.5	700.0	11.7	99.9	203.6	22.6	9.1	20.8	315.5	999.9	99.9	999.9	7.7	29.
8.8	39.4	3296.3	675.0	9.8	99.9	203.4	24.5	9.7	22.5	316.7	999.9	99.9	999.9	9.4	28.
9.8	42.1	3607.6	650.0	7.2	99.9	203.0	25.6	10.0	23.5	317.1	999.9	99.9	999.9	10.9	27.
10.8	45.1	3924.0	625.0	4.3	99.9	202.2	26.4	10.0	24.4	317.4	999.9	99.9	999.9	12.5	27.
11.9	48.1	4254.2	600.0	1.6	99.9	200.3	27.1	9.4	25.4	319.0	999.9	99.9	999.9	14.1	26.
12.9	51.1	4599.6	575.0	-1.4	99.9	197.4	26.3	7.9	25.1	319.3	999.9	99.9	999.9	15.7	25.
13.9	54.3	4950.0	550.0	-5.0	99.9	196.6	27.0	7.7	25.9	318.2	999.9	99.9	999.9	17.4	25.
15.0	57.4	5313.4	525.0	-8.0	99.9	197.0	26.9	7.9	25.7	318.8	999.9	99.9	999.9	19.2	24.
16.2	60.6	5689.9	500.0	-11.2	99.9	201.7	27.5	10.1	25.6	319.4	999.9	99.9	999.9	21.1	23.
17.5	63.9	6081.2	475.0	-14.1	99.9	202.0	30.1	11.3	27.9	320.6	999.9	99.9	999.9	23.4	23.
19.1	67.3	6489.4	450.0	-16.3	99.9	197.2	30.7	9.1	29.3	322.7	999.9	99.9	999.9	26.4	23.
20.8	70.9	6917.1	425.0	-19.3	99.9	198.3	30.4	9.5	28.9	324.2	999.9	99.9	999.9	29.5	22.
22.5	74.4	7365.3	400.0	-22.2	99.9	205.4	29.5	12.7	26.7	326.2	999.9	99.9	999.9	32.3	22.
24.0	77.3	7836.4	375.0	-25.7	99.9	208.4	29.6	14.1	26.1	327.8	999.9	99.9	999.9	35.1	23.
25.7	82.2	8332.4	350.0	-29.5	99.9	208.3	32.0	15.2	28.2	329.0	999.9	99.9	999.9	38.1	23.
27.4	86.2	8855.3	325.0	-34.1	99.9	210.2	31.9	16.0	27.5	329.7	999.9	99.9	999.9	41.4	24.
29.4	90.5	9410.7	300.0	-39.0	99.9	216.1	29.5	17.3	23.8	330.4	999.9	99.9	999.9	45.0	24.
31.5	95.0	10030.7	275.0	-44.3	99.9	216.6	31.5	18.8	25.3	331.1	999.9	99.9	999.9	48.9	25.
33.7	99.7	10733.6	250.0	-49.3	99.9	220.0	32.1	20.7	24.6	332.8	999.9	99.9	999.9	52.7	26.
35.9	104.8	11515.5	225.0	-55.5	99.9	219.3	30.6	19.4	23.7	333.5	999.9	99.9	999.9	56.9	27.
38.1	110.2	12395.8	200.0	-61.8	99.9	218.4	34.0	21.1	26.6	335.0	999.9	99.9	999.9	60.9	28.
40.6	116.0	13403.3	175.0	-60.3	99.9	216.1	38.8*	22.8	31.4	340.5	999.9	99.9	999.9	66.8	29.
43.6	122.5	14561.1	150.0	-60.1	99.9	218.2	31.5*	19.5	24.8	366.6	999.9	99.9	999.9	73.5	30.
47.2	129.7	15981.5	125.0	-51.1	99.9	213.7	24.9*	13.8	20.7	396.4	999.9	99.9	999.9	78.7	30.
51.3	138.0	16361.6	100.0	-61.3	99.9	219.1	21.7*	13.7	16.9	439.2	999.9	99.9	999.9	85.7	31.
56.6	147.5	19159.3	75.0	-59.0	99.9	215.1	11.2	6.4	9.1	469.2	999.9	99.9	999.9	88.9	31.
63.5	158.0	20732.3	50.0	-54.6	99.9	242.8	6.4	5.7	3.0	514.9	999.9	99.9	999.9	91.9	31.
73.9	168.3	25225.8	25.0	-49.4	99.9	293.7	7.7	7.0	-3.1	643.2	999.9	99.9	999.9	94.4	31.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KANSAS

9 MAY 1979
1405 GMT

102 47. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	84.3	791.3	912.3	10.0	7.8	350.0	8.8	1.5	-8.7	290.7	309.9	7.3	85.0	0.0	0.
99.9	99.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
1.1	1.5	933.7	900.0	7.8	7.7	347.9	4.8	1.0	-4.7	289.6	308.8	7.4	99.0	0.1	164.
1.2	17.9	1134.7	875.0	13.7	13.5	999.9	99.9	99.9	99.9	298.0	317.4	11.2	99.1	0.4	163.
2.1	2.4	1346.3	850.3	14.4	14.3	999.9	99.9	99.9	99.9	301.3	320.3	12.2	99.7	999.9	999.
2.8	2.4	1557.7	825.3	13.5	13.3	999.9	99.9	99.9	99.9	302.2	320.8	11.8	99.8	999.9	999.
3.7	2.6	1767.2	800.3	12.2	12.1	999.9	99.9	99.9	99.9	304.1	320.5	11.1	99.2	1.3	35.
4.5	2.3	2153.5	775.0	11.0	10.7	213.7	14.7	8.2	12.2	305.7	321.1	10.7	99.5	2.0	34.
5.5	3.7	2436.5	750.0	9.0	-19.3	223.7	13.9	9.0	10.5	306.3	313.2	2.4	25.8	2.9	35.
6.6	3.3	2717.3	725.0	9.0	-30.5	213.8	14.3	7.9	11.9	309.3	311.1	0.5	5.4	3.6	36.
7.3	4.0	3337.1	700.0	9.2	-44.3	204.9	17.0	7.1	15.4	312.6	313.0	0.1	1.0	4.5	34.
8.3	3.7	3557.3	675.3	7.1	-45.6	199.0	18.9	6.2	17.9	313.6	313.9	0.1	1.0	5.5	32.
9.3	4.5	3816.3	650.3	5.5	-46.6	195.9	22.7	6.2	21.8	315.2	315.5	0.1	1.0	6.7	29.
10.2	4.3	4039.5	625.3	2.8	-48.2	197.5	26.3	7.9	25.1	315.6	315.9	0.1	1.0	8.0	27.
11.3	4.2	4263.3	600.3	0.6	-48.6	200.9	28.9	10.3	27.0	316.8	317.1	0.1	1.0	9.8	26.
12.4	4.2	4488.5	575.0	-2.2	-51.1	199.7	29.9	10.1	29.2	317.4	317.7	0.1	1.0	11.8	25.
13.5	5.2	4713.5	550.0	-5.1	-50.3	198.2	30.5	9.5	29.3	318.0	319.1	0.3	6.6	13.9	24.
14.4	5.3	5316.4	525.0	-8.1	-48.6	200.4	31.7	11.0	29.7	318.7	319.2	0.1	3.4	16.2	23.
15.1	5.4	5493.3	500.3	-11.2	-45.9	203.8	31.4	11.2	29.4	319.4	319.8	0.1	3.7	18.5	23.
17.3	6.7	6094.1	475.3	-13.7	-39.9	201.6	32.5	11.9	30.2	321.0	322.0	0.3	9.7	20.9	23.
18.4	6.3	6493.5	450.3	-16.6	99.9	201.7	32.0	11.8	29.7	322.4	999.9	99.9	999.9	23.4	23.
20.3	6.5	6916.4	425.0	-20.4	99.9	202.2	31.6	11.9	29.3	322.9	999.9	99.9	999.9	26.1	22.
21.4	7.3	7305.4	400.0	-23.1	99.9	206.5	31.6	14.1	28.2	325.0	999.9	99.9	999.9	28.7	23.
22.4	7.7	7735.3	375.0	-26.7	99.9	206.8	31.9	14.4	28.5	326.3	999.9	99.9	999.9	31.3	23.
23.3	8.5	8133.1	350.0	-33.3	99.9	203.9	33.1	13.4	30.3	327.9	999.9	99.9	999.9	34.5	23.
24.1	8.5	8472.2	325.0	-36.7	99.9	207.1	30.1	13.7	26.8	328.8	999.9	99.9	999.9	37.8	23.
25.2	8.7	8930.3	300.0	-39.9	99.9	209.3	32.9	16.1	28.7	329.2	999.9	99.9	999.9	41.9	24.
26.2	9.0	9343.5	275.0	-44.6	99.9	214.2	35.2	19.8	29.1	330.6	999.9	99.9	999.9	45.6	24.
27.4	9.6	13924.3	250.0	-49.8	99.9	219.7	31.1	19.5	24.3	332.0	999.9	99.9	999.9	50.3	26.
28.7	10.6	11324.9	225.0	-56.0	99.9	215.8	31.8	18.6	25.8	332.7	999.9	99.9	999.9	54.2	27.
29.3	10.1	12043.4	200.9	-61.9	99.9	215.4	34.9	20.2	28.5	334.7	999.9	99.9	999.9	58.7	27.
30.5	11.8	12473.1	175.0	-63.2	99.9	218.1	37.6	23.2	29.6	345.7	999.9	99.9	999.9	64.7	28.
31.6	12.3	13324.7	150.0	-59.4	99.9	212.0	30.6	16.2	26.0	368.5	999.9	99.9	999.9	71.1	28.
32.2	12.3	13761.5	125.0	-59.7	99.9	217.5	27.5	16.8	21.9	386.9	999.9	99.9	999.9	76.5	29.
33.2	13.7	14334.3	100.0	-62.0	99.9	216.0	19.3	11.4	15.6	407.9	999.9	99.9	999.9	82.8	30.
34.3	14.7	14841.5	75.3	-63.0	99.9	191.9	14.1	2.9	13.8	447.2	999.9	99.9	999.9	86.9	30.
82.2	15.7	23721.3	25.0	-58.0	99.9	999.9	99.9	99.9	99.9	516.3	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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1705 GMT

147 42. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.5	791.0	914.3	10.0	8.4	340.0	7.7	2.6	-7.2	290.5	310.5	7.6	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.	
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.	
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.	
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.	
0.4	15.9	921.6	900.0	7.4	7.4	347.0	8.1	1.8	-7.9	289.2	308.0	7.2	99.7	0.4	155.
1.2	18.4	1153.9	875.0	7.9	7.9	316.4	4.1	2.8	-3.0	292.0	312.4	7.7	99.8	0.7	180.
2.0	21.0	1396.2	850.0	12.7	12.6	218.9	5.7	3.6	4.4	299.5	328.6	10.9	98.9	0.6	153.
2.9	23.6	1647.5	825.0	12.2	11.9	207.7	10.1	4.7	8.9	301.5	330.3	10.7	98.0	0.6	110.
3.8	26.2	1905.9	800.0	11.3	10.8	208.3	12.8	5.7	11.5	303.2	331.3	10.3	96.9	0.9	84.
4.6	28.9	2171.3	775.0	9.8	9.5	209.5	13.3	6.6	11.6	304.4	331.0	9.7	97.8	1.5	69.
5.5	31.4	2443.3	750.0	8.9	-8.6	207.8	11.3	5.3	10.0	306.2	314.3	2.7	28.8	2.2	63.
6.5	34.1	2723.2	725.0	7.7	-11.7	204.3	10.2	4.2	9.3	308.0	314.5	2.2	23.7	2.8	39.
7.6	36.9	3011.3	700.0	6.1	-10.4	199.2	11.9	3.9	11.3	309.3	316.8	2.5	29.4	3.4	35.
8.5	39.8	3309.5	675.0	4.8	-15.4	198.6	16.2	5.2	15.4	311.1	316.4	1.7	21.3	4.1	32.
9.5	42.6	3615.3	650.0	3.7	-22.4	202.8	20.9	8.1	19.2	313.1	316.3	1.0	12.9	5.3	33.
10.7	45.5	3933.9	625.0	2.4	-31.4	199.7	25.6	8.6	24.1	315.2	316.7	0.4	6.0	6.9	28.
11.9	48.5	4261.0	600.0	-0.1	-31.6	197.6	28.9	8.7	27.6	316.0	317.8	0.5	8.7	8.7	26.
13.0	51.5	4603.2	575.0	-2.3	-32.2	198.9	32.2	10.5	30.5	317.3	318.9	0.4	8.0	10.9	24.
14.2	53.6	4951.1	550.0	-5.2	-30.7	197.5	32.9	9.9	31.4	318.0	318.9	0.3	5.3	13.2	23.
15.5	57.8	5314.4	525.0	-7.9	-42.3	198.0	33.7	8.1	32.7	318.9	319.6	0.2	4.3	15.8	22.
16.9	61.0	5693.8	500.0	-11.5	-52.9	193.8	33.8	8.0	32.8	319.1	319.3	0.1	1.7	18.4	21.
18.1	64.4	6082.7	475.0	-13.8	-46.3	196.0	34.2	9.4	32.9	320.8	321.5	0.2	7.1	21.1	20.
19.5	67.9	6493.9	450.0	-17.3	-20.5	200.0	33.8	11.6	31.8	321.5	324.2	0.8	36.9	24.0	20.
21.1	71.4	6917.0	425.0	-20.6	-28.2	202.7	33.4	12.9	30.8	322.6	325.6	0.9	50.4	27.0	20.
22.6	75.0	7362.9	400.0	-23.4	-32.1	203.3	36.5	14.4	33.5	324.6	326.9	0.6	44.4	30.3	20.
24.2	78.8	7832.1	375.0	-26.7	-44.0	204.8	34.0	14.3	30.9	326.2	327.0	0.2	17.6	33.6	21.
25.9	82.7	8326.7	350.0	-30.6	-55.3	208.1	36.6	17.2	32.3	327.5	327.7	0.1	6.8	37.2	21.
27.5	86.8	8848.2	325.0	-34.8	-62.0	208.9	37.7	18.2	33.0	328.7	328.8	0.0	4.3	40.7	22.
29.3	91.0	9400.9	300.0	-39.9	-61.4	211.5	36.0	18.8	30.7	329.2	329.3	0.0	7.9	44.6	23.
31.2	95.6	9990.1	275.0	-44.6	99.9	212.4	38.6	20.7	32.6	330.7	999.9	99.9	999.9	48.9	23.
33.2	100.3	10622.9	250.0	-48.9	99.9	217.2	32.5	19.7	25.9	333.4	999.9	99.9	999.9	52.8	24.
35.4	105.4	11304.6	225.0	-55.3	99.9	210.0	41.6*	20.8	36.0	333.8	999.9	99.9	999.9	57.8	25.
37.8	110.8	12045.5	200.0	-61.2	99.9	212.0	38.2*	18.1	29.0	335.9	999.9	99.9	999.9	63.3	25.
40.3	116.5	12864.0	175.0	-65.3	99.9	220.7	37.8*	24.7	28.7	342.1	999.9	99.9	999.9	68.6	26.
43.2	123.0	13820.0	150.0	-58.0	99.9	213.0	31.2*	17.0	26.2	370.2	999.9	99.9	999.9	74.4	27.
46.4	130.9	14966.2	125.0	-59.3	99.9	215.9	29.7*	17.4	24.1	387.6	999.9	99.9	999.9	80.6	28.
50.3	139.9	16350.5	100.0	-60.2	99.9	216.2	21.9**	12.9	17.6	411.4	999.9	99.9	999.9	86.5	28.
54.8	147.0	18148.5	75.0	-59.7	99.9	204.3	10.9	4.5	9.9	447.8	999.9	99.9	999.9	89.6	28.
61.1	156.7	20721.3	50.0	-55.3	99.9	159.1	6.7	-2.4	6.3	513.3	999.9	99.9	999.9	93.5	28.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 481
DODGE CITY, KANSAS

9 MAY 1979
2005 GMT

148 10. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.2	791.0	914.5	13.3	9.4	10.0	7.7	-1.3	-7.6	293.9	315.4	8.1	77.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
3.4	15.5	924.9	930.0	9.9	8.5	9.2	6.8	-1.1	-6.7	291.7	312.2	7.8	91.3	0.3	193.
1.2	17.9	1155.3	875.0	8.1	8.1	999.9	99.9	99.9	99.9	292.2	312.6	7.8	100.5	999.9	999.
2.0	20.1	1393.3	850.0	12.7	12.5	999.9	99.9	99.9	99.9	299.5	328.5	10.8	98.4	999.9	999.
3.0	22.5	1652.4	825.0	12.9	12.8	999.9	99.9	99.9	99.9	302.3	333.0	11.4	99.1	999.9	999.
3.9	24.8	1911.7	800.0	12.3	11.4	999.9	99.9	99.9	99.9	304.3	333.5	10.7	93.8	999.9	999.
4.8	27.2	2177.5	775.0	9.8	7.7	999.9	99.9	99.9	99.9	304.4	328.0	8.6	86.6	999.9	999.
5.6	29.5	2449.8	750.0	8.5	4.4	999.9	99.9	99.9	99.9	305.8	325.5	7.0	75.4	999.9	999.
6.5	32.1	2726.4	725.0	6.8	5.1	999.9	99.9	99.9	99.9	306.9	324.4	7.7	89.1	999.9	999.
7.4	34.6	3017.6	700.0	4.9	-0.7	999.9	99.9	99.9	99.9	308.0	321.0	5.2	66.7	999.9	999.
8.5	37.1	3314.5	675.0	4.4	-7.0	999.9	99.9	99.9	99.9	310.6	320.6	3.4	43.3	4.8	9.
9.4	39.7	3621.0	650.0	2.6	-11.3	198.9	24.5	7.9	23.2	311.9	319.5	2.5	35.0	8.0	10.
10.4	42.3	3937.0	625.0	1.4	-15.5	202.4	26.6	10.1	24.6	314.1	319.9	1.8	29.9	7.5	13.
11.4	45.0	4264.7	600.0	-0.6	-26.3	201.0	29.2	10.5	27.3	315.4	317.9	0.7	12.2	9.2	14.
12.4	47.8	4603.7	575.0	-2.1	-51.3	200.9	32.9	11.7	30.8	317.6	317.8	0.1	1.0	11.3	16.
13.7	50.4	4954.4	550.0	-4.4	-52.7	199.4	35.8	11.9	33.7	318.9	319.1	0.1	1.0	13.6	16.
14.9	53.3	5319.7	525.0	-6.8	-56.2	195.9	34.3	9.4	33.0	320.2	320.4	0.0	1.0	16.2	17.
16.2	56.3	5698.4	500.0	-9.7	-56.1	194.7	36.5	9.3	35.3	321.2	321.4	0.0	1.0	18.9	16.
17.5	59.3	6091.8	475.0	-13.1	-33.7	197.5	36.5	11.0	34.8	321.8	323.4	0.5	15.8	21.8	16.
19.1	62.4	6501.4	450.0	-16.3	-29.7	201.3	36.0	13.1	33.5	322.8	325.3	0.7	39.2	25.1	17.
20.4	65.6	6929.7	425.0	-19.6	-29.6	201.2	37.5	13.6	35.0	323.8	326.4	0.8	40.4	28.5	17.
22.0	69.9	7375.4	400.0	-23.6	-32.4	203.8	38.6	15.6	35.4	324.3	326.5	0.6	44.1	31.8	18.
23.7	72.3	7843.6	375.0	-27.1	-37.9	206.7	36.0	16.2	32.1	325.7	327.1	0.4	35.3	35.5	19.
25.5	75.7	8337.1	350.0	-31.0	-47.0	206.3	36.0	16.0	32.2	326.9	327.5	0.2	18.8	39.0	19.
27.2	79.4	8858.3	325.0	-35.4	-48.8	209.4	37.0	18.2	32.3	327.9	328.4	0.1	21.9	43.1	20.
28.9	83.2	9410.9	300.0	-40.0	99.9	213.3	36.0	19.7	30.1	329.0	999.9	99.9	999.9	46.3	21.
30.7	87.3	9998.0	275.0	-45.0	99.9	213.2	42.30	23.2	35.4	330.0	999.9	99.9	999.9	50.8	22.
32.9	91.5	10627.7	250.0	-50.6	99.9	220.9	38.10	24.9	28.8	330.9	999.9	99.9	999.9	55.4	23.
35.4	96.0	11306.6	225.0	-55.6	99.9	219.9	45.40	29.2	34.8	333.3	999.9	99.9	999.9	61.9	25.
37.9	100.8	12047.7	200.0	-60.7	99.9	226.8	41.90	30.5	28.6	336.6	999.9	99.9	999.9	67.7	27.
40.5	106.3	12869.4	175.0	-63.8	99.9	225.9	41.00	29.4	28.6	344.7	999.9	99.9	999.9	74.1	29.
43.2	111.8	13831.3	150.0	-57.9	99.9	215.6	31.70	18.4	25.8	370.3	999.9	99.9	999.9	79.8	29.
46.6	119.0	14984.3	125.0	-58.8	99.9	217.5	28.80	17.5	22.9	398.6	999.9	99.9	999.9	85.8	30.
50.4	125.3	16370.1	100.0	-60.9	99.9	207.5	22.20	10.3	19.7	410.1	999.9	99.9	999.9	92.3	30.
55.4	133.7	18172.8	75.0	-58.5	99.9	207.6	13.10	6.1	11.6	450.4	999.9	99.9	999.9	96.3	30.
61.8	144.0	20737.1	50.0	-55.9	99.9	169.3	11.3	-2.1	11.1	511.7	999.9	99.9	999.9	100.5	30.
71.9	156.0	25213.4	25.0	-49.3	99.9	250.2	5.6	5.3	1.9	643.1	999.9	99.9	999.9	100.9	30.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 45:
DODGE CITY, KANSAS

9 MAY 1979
2315 GMT

152 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	85.3	791.3	912.7	11.1	7.8	30.0	11.3	-5.6	-9.8	291.8	311.1	7.3	83.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	10.5	807.7	900.0	8.7	7.9	999.9	99.9	99.9	99.9	290.5	310.1	7.5	96.5	999.9	999.
1.2	15.9	1140.5	875.0	7.0	7.0	999.9	99.9	99.9	99.9	291.1	310.1	7.2	100.2	999.9	999.
1.9	21.4	1383.3	850.0	14.6	14.5	999.9	99.9	99.9	99.9	301.4	334.6	12.4	99.4	1.5	223.
2.7	23.9	1530.5	825.0	14.3	14.2	130.5	13.5	-10.3	8.8	303.8	337.6	12.5	99.4	1.7	238.
3.5	26.3	1697.5	800.0	14.0	13.9	149.7	10.5	-6.3	14.2	306.1	340.5	12.6	99.3	2.0	261.
4.5	29.9	2165.5	775.0	12.7	11.5	158.8	18.0	-6.5	16.8	307.5	338.3	11.1	92.1	2.4	283.
5.3	31.4	2441.5	750.0	11.5	9.6	163.0	17.9	-5.2	17.1	309.1	337.6	10.1	88.4	3.0	299.
6.2	34.0	2726.7	725.0	9.4	8.8	168.5	16.7	-3.3	16.3	309.8	337.6	9.9	96.2	3.7	309.
7.1	36.7	3016.3	700.0	7.8	7.6	173.8	16.9	-1.8	16.8	311.2	337.8	9.4	98.2	4.6	317.
8.1	39.4	3313.4	675.0	5.0	4.2	180.3	19.9	0.1	19.9	311.3	333.3	7.7	94.5	5.2	324.
9.3	42.2	3622.9	650.0	3.1	1.9	184.4	23.7	1.8	23.6	312.4	332.1	6.8	92.1	6.2	331.
10.4	45.3	3943.1	625.0	0.9	-0.9	185.9	26.8	2.8	26.6	313.5	330.4	5.8	87.7	7.4	337.
11.4	47.9	4261.3	600.0	-1.5	-4.1	190.0	27.8	4.8	27.4	314.4	328.5	4.7	82.3	8.8	342.
12.4	50.4	4586.1	575.0	-3.9	-5.8	193.2	30.0	7.8	28.9	315.5	328.5	4.3	86.2	10.2	347.
13.3	53.3	4955.4	550.0	-6.6	-6.9	198.6	33.8	10.8	32.0	316.3	328.9	4.1	97.2	12.1	352.
14.4	56.8	5317.6	525.0	-9.5	-11.3	201.3	38.3	13.9	35.7	317.0	326.5	3.1	86.6	14.1	356.
15.3	59.9	5692.4	500.0	-12.5	-16.2	203.1	41.1	16.1	37.8	317.8	324.7	2.2	73.5	16.5	0.
16.4	63.1	6093.7	475.0	-13.3	-15.0	207.3	40.1	18.4	35.6	321.5	329.4	2.5	87.1	19.7	4.
17.7	67.4	6496.3	450.0	-15.4	-17.2	214.5	39.5	22.4	32.6	323.9	331.0	2.2	85.9	22.5	8.
19.3	69.9	6923.5	425.0	-18.3	-22.5	219.4	38.7	24.6	30.0	325.6	330.5	1.5	69.6	25.1	11.
20.2	73.4	7173.3	400.0	-21.5	-26.4	218.9	36.6	22.5	28.9	327.1	330.9	1.1	64.1	27.5	14.
21.4	77.3	7446.4	375.0	-24.5	-29.9	211.8	39.5	20.8	33.6	329.1	332.3	0.9	66.2	30.1	16.
22.4	80.9	7744.9	350.0	-28.6	-34.0	213.0	36.2	19.7	30.4	330.1	332.3	0.6	59.7	32.4	17.
23.7	84.9	8071.1	325.0	-32.9	-38.7	213.2	35.0	19.2	29.3	331.4	332.9	0.4	55.4	34.9	18.
25.2	89.1	8429.1	300.0	-37.1	-43.2	217.7	35.0	21.4	27.7	333.1	334.1	0.3	52.8	37.9	19.
26.3	93.2	10323.7	275.0	-42.6	99.9	223.6	34.2	23.6	24.8	333.5	999.9	99.9	999.9	41.2	21.
28.5	97.5	10656.8	250.0	-49.0	99.9	218.7	43.1	27.0	33.7	336.7	999.9	99.9	999.9	44.5	23.
30.4	102.8	11146.9	225.0	-54.2	99.9	221.2	48.5	32.0	36.5	335.5	999.9	99.9	999.9	49.5	25.
31.7	108.3	12303.5	200.0	-59.7	99.9	218.7	49.3	30.8	38.5	338.3	999.9	99.9	999.9	53.4	26.
34.4	113.9	12922.5	175.0	-61.9	99.9	213.0	49.1	26.8	41.2	347.7	999.9	99.9	999.9	61.9	27.
37.4	120.3	13670.2	150.0	-64.0	99.9	220.7	45.3	29.5	34.3	359.8	999.9	99.9	999.9	68.7	28.
40.7	127.0	15337.4	125.0	-55.7	99.9	225.9	24.3	17.5	16.9	394.2	999.9	99.9	999.9	76.0	30.
44.6	135.0	16412.1	100.0	-59.5	99.9	206.9	24.2	10.9	21.6	412.8	999.9	99.9	999.9	81.3	30.
48.9	144.0	19211.7	75.0	-59.3	99.9	178.3	12.8	-0.4	12.8	448.6	999.9	99.9	999.9	86.2	30.
55.2	156.0	23778.2	50.0	-55.2	99.9	195.0	6.7	1.7	6.5	513.5	999.9	99.9	999.9	87.7	30.
64.5	164.0	29248.1	25.0	-49.3	99.9	214.5	1.7	1.0	1.4	643.0	999.9	99.9	999.9	88.8	30.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KANSAS

10 MAY 1979
205 GMT

116 120. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.6	791.0	912.7	5.9	5.9	20.0	7.7	-2.6	-7.2	286.4	303.1	8.4	99.9	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	16.6	906.1	900.0	5.6	5.6	17.2	12.1	-3.6	-11.5	287.3	303.9	8.4	102.5	0.5	218.
1.1	14.1	1.30.5	875.0	5.0	5.0	43.7	12.6	-8.7	-9.1	289.3	305.5	8.3	102.3	1.0	210.
2.2	21.6	1376.6	850.0	10.5	10.5	99.0	14.6	-14.5	2.3	297.2	322.4	9.5	100.8	1.6	229.
3.1	24.1	1626.1	825.0	11.3	11.3	122.6	21.1	-17.8	11.4	300.6	328.3	10.3	100.9	2.2	252.
3.9	27.6	1885.7	800.0	12.7	12.7	135.6	24.5	-17.2	17.5	304.7	336.6	11.7	101.1	2.9	269.
4.5	29.2	2152.4	775.0	10.8	10.8	147.0	24.2	-13.2	20.3	305.5	334.6	10.6	100.8	3.6	283.
5.1	31.4	2426.1	750.0	9.9	9.5	155.2	24.0	-10.0	21.8	306.3	332.4	9.4	97.8	4.3	292.
5.8	34.6	2706.7	725.0	7.6	0.8	166.5	20.9	-4.9	20.4	307.8	323.9	5.6	62.1	4.9	300.
6.4	37.2	2995.7	700.0	6.4	0.4	174.5	19.9	-1.9	19.8	309.5	325.9	5.7	65.7	5.4	306.
7.0	40.0	3293.3	675.0	4.3	1.5	186.5	20.5	2.3	20.4	310.4	328.7	6.3	82.0	5.9	311.
7.9	42.8	3600.6	650.0	2.5	1.3	202.6	21.1	8.1	19.5	311.8	333.6	6.5	91.8	6.3	321.
8.9	45.7	3917.3	625.0	0.4	-0.1	203.1	23.5	9.2	21.7	313.0	330.8	6.1	96.1	7.1	330.
9.8	48.5	4244.7	600.0	-0.4	-0.6	207.0	25.6	11.6	22.8	315.7	333.7	6.1	98.1	7.9	338.
11.0	51.6	4584.8	575.0	-2.5	-2.5	207.5	30.2	13.7	26.8	317.1	333.6	5.5	99.6	9.3	347.
12.2	54.6	4936.1	550.0	-6.5	-7.8	207.9	34.1	15.9	30.1	316.4	328.2	3.9	91.1	11.2	355.
13.1	57.8	5299.5	525.0	-8.9	-15.2	209.7	37.7	18.7	32.7	317.7	324.8	2.2	60.1	13.2	1.
14.1	61.9	5675.4	500.0	-10.5	-17.8	214.0	37.0	20.7	30.7	320.3	326.3	1.9	58.5	15.3	5.
15.2	64.3	6068.8	475.0	-13.0	-22.2	218.4	36.0	22.3	28.2	321.8	326.3	1.3	65.9	16.9	8.
16.0	67.6	6478.4	450.0	-16.2	-36.1	221.4	36.8	24.3	27.6	322.9	324.6	0.5	19.4	18.5	11.
16.9	71.1	6905.1	425.0	-21.1	-63.5	222.6	39.1	26.5	28.8	321.6	321.7	0.0	1.0	20.3	14.
17.2	74.7	7350.3	400.0	-23.9	-65.2	220.5	42.2	27.4	32.1	323.9	324.0	0.0	1.0	23.1	18.
17.7	78.4	7818.9	375.0	-26.8	-67.1	222.2	38.1	25.6	28.3	326.1	326.2	0.0	1.0	26.5	21.
21.7	82.3	8314.6	350.0	-29.7	-38.4	218.7	37.6	23.5	29.3	328.7	330.2	0.4	42.3	30.5	24.
23.4	86.3	8838.6	325.0	-33.9	-41.0	217.5	43.0	26.2	34.1	329.9	331.1	0.3	46.4	34.8	25.
24.8	90.5	9395.3	300.0	-37.5	-43.2	218.0	42.1	25.9	33.2	332.5	333.5	0.3	55.0	37.8	26.
25.8	94.9	9990.1	275.0	-42.0	99.9	219.0	40.1	25.2	31.2	334.4	999.9	99.9	999.9	40.7	27.
27.8	99.6	10628.5	250.0	-46.8	99.9	217.0	42.2	25.4	33.7	336.6	999.9	99.9	999.9	44.0	28.
28.7	104.4	11319.2	225.0	-52.2	99.9	210.6	41.8	21.2	36.0	338.5	999.9	99.9	999.9	47.6	29.
30.2	109.8	12068.2	200.0	-59.3	99.9	208.3	46.9	22.2	41.3	338.9	999.9	99.9	999.9	51.4	29.
32.3	115.5	12891.9	175.0	-65.8	99.9	208.4	45.3	21.6	39.8	341.4	999.9	99.9	999.9	56.7	29.
36.1	121.8	13823.5	150.0	-67.4	999.9	999.9	999.9	999.9	999.9	354.0	999.9	999.9	999.9	61.6	29.
36.7	128.7	14944.0	125.0	-58.5	99.9	999.9	999.9	999.9	999.9	382.0	999.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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STATION NO. 451
DODGE CITY, KANSAS

10 MAY 1979
505 GMT

138 58. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.7	791.0	915.9	5.6	4.6	20.0	12.9	-4.4	-12.1	285.9	301.0	5.8	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	14.2	934.2	900.0	4.1	4.1	8.1	17.1	-2.4	-16.9	285.7	300.6	5.7	101.0	0.7	187.
1.1	14.6	1162.9	875.0	2.1	2.1	15.5	16.5	-4.4	-15.9	286.0	299.5	5.1	100.7	1.2	188.
1.9	21.1	1374.2	850.0	7.6	7.6	52.7	11.4	-9.0	-6.9	294.1	314.7	7.7	99.7	1.9	194.
2.8	23.6	1585.5	825.0	8.5	8.5	112.8	11.7	-10.8	4.5	297.8	320.5	8.5	99.8	2.1	207.
3.5	26.1	1791.6	800.0	10.4	10.3	133.0	16.7	-12.2	11.4	302.2	329.2	9.9	99.7	2.1	225.
4.3	24.7	2184.2	775.0	9.4	9.4	150.0	15.4	-7.7	13.3	304.0	330.4	9.6	99.6	2.2	247.
5.1	31.2	2434.1	750.0	9.2	8.1	174.6	14.5	-1.4	14.4	306.6	331.8	9.1	92.8	2.2	263.
6.0	33.9	2720.3	725.0	7.6	7.2	188.4	16.2	2.4	16.0	307.8	332.6	8.8	97.0	2.2	283.
6.5	35.5	3006.7	700.0	5.9	5.7	198.9	16.3	5.3	15.4	309.1	332.5	8.3	98.7	2.3	302.
7.5	40.3	3307.6	675.0	4.2	4.0	209.8	17.5	8.7	15.2	310.4	332.1	7.8	99.8	2.6	320.
8.5	42.1	3614.3	650.0	1.9	1.6	218.7	20.9	13.1	16.3	311.1	333.3	6.7	98.2	3.1	343.
9.6	44.3	3926.9	625.0	-0.4	-2.0	219.5	23.7	15.1	18.3	312.0	327.6	5.3	89.1	3.8	357.
10.1	47.9	4255.7	600.0	-2.7	-3.2	217.8	25.8	16.5	19.8	313.1	327.9	5.0	95.9	4.7	7.
11.1	52.9	4592.9	575.0	-5.1	-10.5	218.3	29.0	18.0	22.8	314.0	323.1	3.0	65.6	6.2	15.
12.2	58.4	4943.0	550.0	-7.5	-20.2	220.2	31.2	20.2	23.9	315.2	319.7	1.4	35.6	7.7	20.
12.4	56.9	5300.4	525.0	-9.3	-55.8	223.8	34.3	23.8	24.8	317.3	317.5	0.0	1.0	9.2	23.
13.3	52.9	5677.3	500.0	-10.2	-56.4	225.5	36.5	26.1	25.6	320.6	320.7	0.0	1.0	11.0	27.
14.7	61.1	6073.1	475.0	-12.7	-58.0	221.2	39.4	25.3	28.9	322.2	322.4	0.0	1.0	13.1	30.
15.6	64.5	6481.1	450.0	-15.0	-59.4	216.2	38.7	22.8	31.2	324.4	324.5	0.0	1.0	15.3	31.
16.8	69.9	6910.7	425.0	-18.2	-61.5	213.3	40.4	22.2	33.8	325.6	325.7	0.0	1.0	17.8	32.
18.0	73.4	7360.4	400.0	-22.1	-40.2	215.1	39.7	22.9	32.5	326.3	327.4	0.3	19.2	20.7	32.
19.1	77.1	7830.9	375.0	-26.5	-33.8	219.1	41.7	26.3	32.4	326.5	328.5	0.6	49.8	23.6	33.
20.3	80.7	8325.6	350.0	-30.3	-33.6	219.1	42.8	27.0	33.2	327.9	330.1	0.6	73.0	26.4	33.
21.5	84.9	8846.2	325.0	-33.4	-36.7	214.2	36.8	20.7	30.4	330.7	332.5	0.5	71.8	29.3	34.
23.1	89.3	9408.7	300.0	-36.1	-40.3	206.3	35.9	15.9	32.2	334.5	335.9	0.4	65.1	32.9	33.
24.0	93.4	10030.3	275.0	-40.7	99.9	199.6	32.1	10.8	30.3	336.3	999.9	99.9	999.9	36.5	32.
27.3	94.3	10647.9	250.0	-45.9	99.9	193.8	37.3	8.9	36.2	337.9	999.9	99.9	999.9	40.6	31.
28.4	103.0	11340.8	225.0	-51.7	99.9	186.1	40.8	4.3	40.6	339.3	999.9	99.9	999.9	44.5	29.
30.6	108.4	12093.3	200.0	-58.9	99.9	185.4	38.2	3.6	38.1	339.6	999.9	99.9	999.9	48.6	27.
32.5	114.3	12817.7	175.0	-66.1	99.9	188.6	44.1	6.6	43.6	340.8	999.9	99.9	999.9	52.7	25.
34.6	123.5	13641.3	150.0	-69.1	99.9	230.6	39.0	16.2	35.5	351.3	999.9	99.9	999.9	57.7	24.
36.8	127.5	14481.8	125.0	-61.0	99.9	214.3	29.9	16.9	24.7	384.6	999.9	99.9	999.9	62.4	25.
39.5	133.7	15357.5	100.0	-59.1	99.9	216.9	16.8	9.6	13.8	413.6	999.9	99.9	999.9	66.4	25.
41.7	144.3	16133.9	75.0	-62.7	99.9	999.9	99.9	99.9	99.9	445.6	999.9	99.9	999.9	69.8	26.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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STATION NO. 451
DODGE CITY, KANSAS

18 MAY 1979
805 GMT

194 21. 0

TIME MIN	CATCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEL	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.8	791.0	917.5	4.4	3.4	350.0	11.3	2.0	-11.1	284.5	298.4	5.3	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	9[illegible].9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	[illegible]9.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	9[illegible].9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	16.5	947.7	900.0	2.9	2.9	358.6	14.1	0.3	-14.1	284.5	298.1	5.2	100.7	0.5	178.
1.3	18.9	1175.4	875.0	1.3	1.3	1.1	12.4	-0.2	-12.4	285.1	297.9	4.8	100.5	1.0	179.
2.0	21.4	1410.7	850.0	6.5	6.5	352.1	10.3	1.4	-10.2	293.0	312.1	7.2	100.2	1.6	180.
2.8	23.8	1657.1	825.0	7.8	-0.4	324.5	11.1	6.4	-9.0	296.9	309.8	4.7	58.6	2.0	175.
3.8	26.3	1910.8	800.0	7.5	-4.1	311.0	12.8	9.7	-8.4	299.2	309.2	3.5	43.5	2.6	165.
4.7	28.8	2172.6	7[illegible].0	7.4	-0.3	308.6	11.7	9.1	-7.3	301.8	315.4	4.8	58.1	3.2	157.
5.6	31.4	2441.9	750.0	5.4	3.9	286.7	7.2	7.0	-1.8	302.4	321.3	6.8	90.6	3.7	153.
6.5	34.1	2719.7	725.0	5.9	5.8	223.9	7.8	5.4	5.7	305.9	328.4	8.8	99.A	3.7	149.
7.4	36.8	3007.4	700.0	4.5	4.4	220.9	13.8	8.9	10.3	307.4	328.7	7.5	99.4	3.6	138.
8.7	39.4	3333.5	675.0	2.8	0.7	213.2	19.8	10.8	16.5	308.8	326.1	6.0	86.1	3.5	120.
10.2	42.2	3609.9	653.0	1.3	-0.4	207.9	24.9	11.6	22.0	310.4	326.5	5.6	85.8	4.0	90.
11.2	45.1	3923.8	625.0	-0.7	-4.9	207.5	29.2	13.4	25.9	311.6	324.3	4.3	73.7	5.0	73.
12.2	48.0	4246.0	600.0	-2.6	-13.9	204.2	33.2	13.6	30.3	313.2	320.0	2.2	41.4	6.4	61.
13.2	51.0	4547.2	575.0	-5.1	-14.4	203.7	35.2	14.1	32.2	314.3	320.8	2.2	49.1	8.2	52.
14.3	54.0	4933.1	550.0	-7.7	-19.2	206.4	34.5	15.3	30.8	315.3	319.8	1.5	38.8	10.3	46.
15.4	57.1	5243.6	525.0	-13.1	-36.1	212.1	34.9	18.5	29.5	316.3	317.7	0.4	11.4	12.5	43.
16.6	60.3	5569.0	500.0	-11.0	-36.9	216.5	37.6	22.4	30.2	319.6	319.7	0.0	1.0	15.0	42.
17.9	63.5	5901.7	475.0	-12.5	-57.9	215.7	36.4	21.2	29.5	322.5	322.7	0.0	1.0	17.7	41.
19.1	66.8	6242.5	450.0	-15.1	-59.5	242.7	37.0	20.0	31.1	324.3	324.4	0.0	1.0	20.5	40.
20.5	70.3	6601.7	425.0	-18.1	-61.5	211.5	38.8	20.2	33.1	325.7	325.8	0.0	1.0	23.7	39.
22.0	73.7	7352.0	400.0	-21.2	-63.4	209.1	36.3	17.7	31.7	327.5	327.6	0.0	1.0	27.0	38.
23.7	77.4	7824.5	375.0	-25.4	-66.1	208.0	38.0	17.8	33.6	328.0	328.1	0.0	1.0	30.7	37.
25.3	81.3	8320.5	350.0	-27.8	-69.0	208.9	39.9	19.3	35.0	328.6	328.7	0.0	1.0	34.6	36.
27.0	85.2	8840.2	325.0	-32.7	-71.0	209.0	40.1	19.4	35.1	331.6	331.6	0.0	1.0	38.5	35.
28.7	89.3	9434.5	300.0	-36.6	-73.5	207.9	42.0	19.6	37.1	333.8	333.8	0.0	1.0	42.7	34.
30.5	93.8	10022.9	275.0	-40.3	99.9	205.0	35.9	15.7	32.5	336.9	999.9	99.9	999.9	47.2	34.
32.4	98.4	10645.6	253.3	-45.8	99.9	202.1	33.5	12.6	31.1	338.0	999.9	99.9	999.9	51.5	33.
35.2	103.4	11337.7	225.0	-51.7	99.9	201.4	37.0	13.5	34.4	339.2	999.9	99.9	999.9	56.4	32.
37.6	108.6	12040.9	200.0	-59.1	99.9	196.8	32.3	8.2	31.2	340.8	999.9	99.9	999.9	61.6	31.
40.0	114.3	12917.1	175.0	-66.1	99.9	195.1	32.2	8.4	31.0	340.9	999.9	99.9	999.9	66.0	30.
42.4	120.5	13819.4	150.0	-72.0	99.9	206.4	39.99	17.7	35.7	346.1	999.9	99.9	999.9	70.8	29.
45.6	127.5	14938.8	125.0	-58.5	99.9	214.9	36.79	21.0	30.1	389.1	999.9	99.9	999.9	78.2	29.
49.6	135.3	16350.9	100.0	-55.1	99.9	224.9	24.99	17.6	17.7	421.3	999.9	99.9	999.9	85.6	30.
54.6	144.3	18146.8	75.0	-59.6	99.9	218.6	12.7	7.9	9.9	448.1	999.9	99.9	999.9	91.8	31.
60.9	154.5	20697.3	50.0	-56.3	99.9	114.3	9.5	-8.7	3.9	510.8	999.9	99.9	999.9	93.9	30.
71.5	165.0	25107.5	25.0	-51.1	99.9	282.1	5.6	5.5	-1.2	637.7	999.9	99.9	999.9	92.8	31.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
+ BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 451
DODGE CITY, KANSAS

MAY 1979
RAWINSONDE UNIT 156 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	WD DG	SPD M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.1	791.0	919.1	2.8	1.8	340.0	9.3	3.2	-8.7	282.7	295.1	4.7	93.0	0.9	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	14.9	963.6	900.0	0.9	0.8	347.0	11.7	2.6	-11.4	282.4	294.1	4.5	92.3	3.4	167.
1.1	14.4	1186.5	875.0	-1.0	-1.0	353.2	12.0	1.4	-11.9	282.8	293.5	4.1	101.2	0.9	168.
2.1	21.9	1417.8	850.0	-1.5	-1.5	353.4	8.8	1.5	-8.7	291.6	295.3	4.0	103.9	1.5	171.
2.9	24.4	1661.4	825.0	7.0	6.8	334.2	5.2	2.3	-4.7	298.0	313.9	8.6	85.8	1.7	170.
3.7	29.9	1915.6	800.0	8.6	-11.2	321.4	6.1	3.1	-4.8	300.4	306.4	2.0	23.2	2.0	167.
4.4	29.4	2177.4	775.0	7.4	-17.5	277.0	5.7	5.7	-0.7	301.7	305.6	1.3	15.4	2.2	163.
5.2	34.3	2446.3	750.0	6.6	-45.9	252.2	9.9	9.5	3.0	303.7	304.0	0.1	1.0	2.2	154.
6.1	38.7	2723.2	725.0	4.9	-46.9	250.1	15.8	14.9	5.4	304.8	305.1	0.1	1.0	2.4	139.
7.0	37.3	3008.6	700.0	3.8	-28.2	241.6	19.3	17.0	9.2	306.9	309.7	0.6	8.2	2.8	119.
7.8	43.1	3303.7	675.0	2.3	-9.2	227.0	19.4	14.2	13.2	309.3	316.8	2.8	42.2	3.4	103.
8.7	41.9	3607.1	650.0	0.3	-5.8	215.7	21.3	12.4	17.3	309.4	320.7	5.8	63.6	4.0	90.
9.5	41.7	3920.6	625.0	-2.0	-3.1	213.1	25.7	12.9	22.2	310.1	324.4	4.9	92.3	4.7	78.
10.5	41.5	4244.7	600.0	-4.1	-4.7	207.0	29.3	13.3	26.1	311.4	324.9	4.5	95.8	6.0	65.
11.6	51.6	4579.7	575.0	-5.5	-5.9	208.6	33.1	15.9	29.1	313.6	326.4	4.3	96.5	7.6	56.
12.7	54.6	4925.4	550.0	-9.2	-47.8	208.7	37.1	17.8	32.6	313.2	313.7	0.2	4.8	9.9	50.
13.9	57.7	5284.2	525.0	-10.0	-56.2	205.8	37.0	16.1	33.3	316.5	316.6	0.0	1.0	12.3	45.
15.1	61.9	5657.6	500.0	-11.2	-57.0	207.0	36.3	16.5	32.4	319.4	319.5	0.0	1.0	14.7	42.
16.3	64.1	6051.2	475.0	-14.0	-58.8	209.6	36.7	16.1	31.9	320.6	320.8	0.0	1.0	17.3	40.
17.7	67.5	6466.0	450.0	-16.5	-60.4	210.3	37.3	16.8	32.2	322.6	322.6	0.0	1.0	20.5	38.
19.1	72.9	6907.2	425.0	-19.1	-62.1	210.9	36.9	16.9	31.6	324.5	324.6	0.0	1.0	23.7	37.
20.5	74.4	7335.4	400.0	-22.6	-64.3	211.2	35.1	16.1	30.0	325.7	325.7	0.0	1.0	26.6	36.
22.2	79.1	7835.8	375.0	-26.4	-66.8	210.2	37.6	16.9	32.5	326.6	326.7	0.0	1.0	30.1	36.
23.8	81.9	8330.4	350.0	-33.1	-69.5	207.6	37.3	17.3	33.1	328.1	328.2	0.0	1.0	33.5	35.
25.3	85.9	8823.6	325.0	-34.0	-71.8	205.5	37.4	16.1	33.7	329.8	329.8	0.0	1.0	37.1	34.
27.3	93.3	9379.5	300.0	-38.0	-74.5	204.1	45.2	18.5	41.3	331.8	331.8	0.0	1.0	41.2	33.
29.9	96.3	9973.8	275.0	-42.6	99.9	198.9	37.7	12.2	35.7	333.5	999.9	99.9	999.9	45.5	32.
33.8	99.9	10610.7	250.0	-47.0	99.9	202.9	46.5	18.1	43.0	336.2	999.9	99.9	999.9	50.4	31.
33.3	103.9	11300.1	225.0	-52.8	99.9	204.5	44.10	18.3	40.1	337.6	999.9	99.9	999.9	56.8	30.
35.4	107.0	12046.3	200.0	-59.3	99.9	205.3	45.80	19.5	41.4	338.9	999.9	99.9	999.9	64.3	30.
38.3	114.5	12873.9	175.0	-65.6	99.9	206.1	39.60	17.4	35.6	342.0	999.9	99.9	999.9	70.1	29.
41.1	120.7	13808.4	150.0	-66.6	99.9	211.9	40.10	21.2	34.0	359.2	999.9	99.9	999.9	77.6	30.
44.6	127.3	14866.6	125.0	-61.7	99.9	215.1	31.80	18.3	26.0	393.3	999.9	99.9	999.9	84.1	30.
48.9	135.9	16346.5	100.0	-55.5	99.9	224.9	21.80	15.4	15.4	420.4	999.9	99.9	999.9	91.5	31.
53.6	143.7	18155.6	75.0	-58.4	99.9	189.1	13.10	2.1	12.9	450.6	999.9	99.9	999.9	96.6	31.
60.2	153.5	23710.6	50.0	-56.7	99.9	107.7	9.4	-9.0	2.9	510.0	999.9	99.9	999.9	97.5	30.
70.3	164.5	25169.4	25.0	-50.9	99.9	999.9	99.9	99.9	99.9	638.6	999.9	99.9	999.9	97.2	30.

* HY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* HY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPEKA, KANSAS

9 MAY 1979
1105 GMT

156 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.0	268.0	971.0	20.0	16.6	150.0	5.7	-2.9	4.9	295.0	328.0	12.4	81.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	10.5	461.2	950.0	20.3	16.9	173.1	16.0	-1.9	15.9	297.8	331.7	12.9	80.7	0.5	348.
1.3	12.8	691.7	925.0	18.8	16.5	183.4	21.2	1.4	21.2	299.5	332.7	12.9	86.5	1.3	351.
2.1	15.3	927.6	900.0	17.9	15.6	197.3	26.3	7.8	25.1	300.0	333.3	12.5	86.2	2.4	1.
3.3	17.7	1148.9	875.0	16.4	14.3	206.0	28.9	11.8	26.4	300.8	332.4	11.8	87.3	3.8	9.
3.9	20.0	1415.7	850.0	14.8	13.3	207.8	30.3	14.2	26.8	301.4	332.2	11.4	92.1	5.2	14.
4.7	22.5	1658.7	825.0	14.9	8.2	213.3	27.8	15.3	23.3	304.3	327.8	8.5	66.2	6.8	18.
5.7	25.0	1933.3	800.0	17.2	-8.1	211.9	28.0	14.8	23.8	309.5	317.4	2.6	18.9	8.3	21.
6.7	27.5	2202.1	775.0	18.9	-36.3	211.2	31.9	16.5	27.2	314.1	315.1	0.3	1.6	10.1	23.
7.7	30.1	2481.7	750.0	16.9	-30.2	211.7	28.1	14.8	23.9	315.0	316.0	0.4	2.6	12.0	24.
8.9	32.7	2769.9	725.0	14.5	-19.1	213.5	27.1	14.9	22.6	315.4	319.2	1.2	8.1	13.8	25.
9.9	35.3	3063.7	700.3	12.5	-23.5	214.2	29.50	16.6	24.4	316.3	319.1	0.8	6.3	15.5	26.
10.9	38.0	3366.4	675.0	9.4	-21.3	213.5	29.30	16.2	24.4	316.2	319.7	1.1	9.7	17.3	27.
12.0	40.8	3677.6	650.0	6.8	-17.4	213.0	27.60	15.0	23.2	314.6	321.5	1.5	15.9	19.1	28.
11.1	43.6	3997.7	625.0	3.7	-16.2	212.6	28.30	15.4	23.8	3.6.7	322.2	1.7	21.7	21.0	28.
14.4	46.4	4327.5	600.0	0.8	-13.6	212.6	24.90	13.4	21.0	317.1	324.1	2.2	33.0	23.0	28.
15.5	49.3	4667.7	575.0	-2.4	-13.9	215.1	23.70	13.6	19.4	317.1	324.3	2.3	41.1	24.7	29.
16.9	52.3	5017.3	550.0	-5.8	-13.7	215.0	25.80	14.8	21.1	317.2	324.7	2.4	53.4	26.6	29.
18.1	55.3	5391.0	525.0	-8.8	-26.2	213.6	22.10	12.2	18.4	318.1	323.0	1.5	39.4	28.6	30.
19.5	58.4	5757.4	500.0	-11.3	-52.1	197.9	15.60	5.3	14.7	319.3	319.7	0.1	3.8	30.0	30.
20.9	61.5	6134.4	475.0	-14.9	-32.4	197.8	17.0	5.1	16.2	319.6	321.4	0.5	20.8	31.2	29.
22.5	64.6	6525.5	450.0	-17.0	-70.7	205.3	20.4	8.7	18.4	321.9	322.0	0.0	1.0	33.1	29.
24.2	69.1	6981.4	425.0	-20.3	-33.8	201.2	19.8	7.2	18.5	323.0	323.2	0.1	3.2	35.0	28.
26.0	71.7	7427.6	400.0	-23.9	-65.2	205.6	21.5	7.8	20.2	323.9	323.9	0.0	1.0	37.3	28.
27.7	74.1	7895.3	375.0	-27.4	-67.4	208.2	19.9	9.4	17.5	325.4	325.4	0.0	1.0	39.5	28.
29.6	79.3	8387.9	350.0	-31.0	-64.8	213.4	22.1	12.2	18.5	327.0	327.1	0.0	2.0	41.8	28.
31.5	82.9	8909.2	325.0	-36.7	-59.3	218.6	21.0	13.1	16.4	328.8	329.0	0.0	6.1	44.4	28.
33.5	86.9	9462.5	300.0	-34.7	-64.9	218.4	22.6	14.1	17.7	329.5	999.9	99.9	999.9	46.8	29.
35.5	91.2	10052.0	275.0	-44.1	99.9	221.6	19.2	12.8	14.4	331.3	999.9	99.9	999.9	49.5	29.
37.4	95.7	10685.1	250.0	-48.7	99.9	223.5	17.4	12.3	13.0	333.6	999.9	99.9	999.9	51.8	30.
40.3	100.4	11368.5	225.0	-54.6	99.9	225.1	17.5	12.4	12.3	334.9	999.9	99.9	999.9	54.3	31.
42.9	105.6	12112.7	200.0	-60.2	99.9	212.8	18.6	10.1	15.6	337.5	999.9	99.9	999.9	56.9	31.
45.9	111.2	12936.4	175.0	-64.6	99.9	227.5	21.3	15.7	14.4	343.4	999.9	99.9	999.9	60.7	31.
49.4	117.3	13872.1	150.0	-60.8	99.9	229.3	20.9	15.8	13.6	365.4	999.9	99.9	999.9	64.6	33.
53.5	124.0	14922.1	125.0	-61.1	99.9	228.1	23.2	17.3	15.5	394.3	999.9	99.9	999.9	70.2	34.
58.3	131.3	16404.5	100.0	-63.1	99.9	223.4	18.8	12.9	13.7	405.9	999.9	99.9	999.9	76.4	35.
63.5	140.8	18189.0	75.0	-61.7	99.9	220.4	14.9	9.7	11.4	443.6	999.9	99.9	999.9	82.1	36.
72.	150.8	20758.0	50.0	-58.7	99.9	218.9	5.7	3.6	4.4	514.6	999.9	99.9	999.9	88.3	36.
85.8	171.0	25252.7	25.0	-48.5	99.9	340.2	9.3	3.2	-8.8	645.1	999.9	99.9	999.9	84.8	36.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
< BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPEKA, KANSAS

9 MAY 1979
1405 GMT

161 9. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.4	268.9	974.3	21.1	17.3	190.0	4.6	0.8	4.5	296.5	330.3	12.9	79.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	10.5	687.4	950.0	20.5	17.4	203.4	11.8	4.7	10.	296.0	333.1	13.3	82.7	0.5	15.
1.5	12.9	717.9	925.0	18.8	17.1	205.5	14.5	6.2	13.0	298.6	333.9	13.4	89.6	1.0	21.
2.2	15.3	953.2	900.0	16.6	16.1	206.8	17.1	7.7	15.3	298.7	332.8	12.9	96.5	1.7	23.
2.9	17.6	1193.2	875.0	14.7	14.3	209.4	18.8	9.2	16.4	299.1	330.6	11.8	97.3	2.5	24.
3.6	20.1	1434.5	850.0	12.7	11.8	212.3	21.5	11.5	18.2	299.5	327.1	10.3	94.2	3.3	26.
4.3	22.5	1684.4	825.0	11.1	10.3	211.9	23.0	12.2	19.6	300.7	326.7	9.6	92.7	4.3	28.
5.0	25.0	1946.4	800.0	10.2	8.5	208.8	22.3	10.8	19.6	302.0	326.0	8.8	89.7	5.2	29.
5.8	27.6	2209.6	775.0	10.2	-27.6	203.4	25.5	10.1	23.4	304.8	308.9	1.4	16.8	6.3	28.
6.8	30.2	2496.6	750.0	15.0	-40.7	205.7	28.2	12.2	25.4	312.9	313.4	0.1	1.0	7.9	27.
7.7	32.7	2770.5	725.0	14.4	-41.1	208.4	29.0	13.8	25.5	315.3	315.8	0.1	1.0	9.5	27.
8.8	35.3	3065.2	700.0	12.5	-42.3	207.8	28.6	13.3	25.3	316.3	316.8	0.1	1.0	11.4	27.
10.1	38.0	3368.1	675.0	10.0	-43.8	202.9	27.8	10.8	25.6	316.8	317.2	0.1	1.0	13.6	27.
11.5	40.8	3680.1	650.0	7.7	-45.2	199.3	27.3	9.0	25.8	317.7	318.1	0.1	1.0	15.9	26.
12.7	43.4	4000.9	625.0	4.6	-42.5	201.0	27.1	9.7	25.3	317.7	318.3	0.1	1.7	17.8	25.
13.9	46.3	4331.3	600.0	1.4	-36.6	202.5	26.8	9.5	22.9	317.8	318.8	0.3	3.9	19.7	25.
15.1	49.2	4671.6	575.0	-1.7	-29.0	204.2	23.7	9.7	21.7	318.0	320.0	0.6	10.3	21.4	25.
16.2	52.1	5022.9	550.0	-5.3	-24.2	204.6	23.6	9.8	21.5	317.8	321.0	1.0	21.0	23.1	25.
17.6	55.2	5386.7	525.0	-8.9	-19.4	204.7	23.7	9.9	21.5	317.8	322.8	1.6	42.0	25.0	25.
19.3	58.3	5761.6	500.0	-11.5	-57.2	196.8	21.9	6.4	21.0	319.0	319.2	0.0	1.0	26.9	25.
20.5	61.5	6152.7	475.0	-14.4	-59.1	186.6	21.1	2.4	20.9	320.1	320.2	0.0	1.0	28.8	24.
22.3	64.7	6560.6	450.0	-16.6	-60.5	187.8	21.5	2.9	21.3	322.3	322.4	0.0	1.0	31.0	22.
24.1	68.1	6987.4	425.0	-19.8	-62.5	192.2	21.2	4.5	20.7	323.6	323.7	0.0	1.0	33.1	22.
25.8	71.6	7435.2	400.0	-22.1	-64.0	197.6	20.9	6.3	19.9	326.3	326.4	0.0	1.0	35.3	21.
27.5	75.1	7906.5	375.0	-25.3	-66.1	207.3	20.5	9.4	18.2	328.1	328.2	0.0	1.0	37.5	21.
29.2	78.9	8402.9	350.0	-29.6	-68.9	220.4	21.9	14.2	16.7	328.8	328.9	0.0	1.0	39.5	22.
31.0	82.7	8927.4	325.0	-33.8	-71.7	227.6	22.8	16.8	15.4	330.2	330.2	0.0	1.0	41.8	23.
33.2	86.9	9482.3	300.0	-37.1	99.9	233.0	19.3	15.5	11.5	330.3	999.9	99.9	999.9	44.3	25.
35.8	91.0	10072.7	275.0	-43.9	99.9	228.9	21.1	15.9	13.8	331.7	999.9	99.9	999.9	47.1	27.
38.7	95.5	10707.2	250.0	-48.2	99.9	226.7	19.8	14.4	13.6	334.4	999.9	99.9	999.9	50.3	28.
41.3	100.2	11392.9	225.0	-53.8	99.9	224.3	22.5	15.7	16.1	336.1	999.9	99.9	999.9	53.5	29.
43.8	105.3	12138.0	200.0	-60.4	99.9	216.9	19.8	11.9	15.8	337.2	999.9	99.9	999.9	56.5	30.
46.9	110.8	12962.3	175.0	-62.8	99.9	230.3	22.7	17.5	14.5	346.3	999.9	99.9	999.9	60.3	30.
50.3	116.8	13923.2	150.0	-60.2	99.9	215.1	24.9	14.3	20.4	366.3	999.9	99.9	999.9	64.8	32.
54.4	123.7	15061.5	125.0	-60.4	99.9	221.7	2 .2	15.4	17.3	385.6	999.9	99.9	999.9	70.8	32.
59.4	131.3	16443.2	100.0	-62.8	99.9	227.3	15.8	11.6	10.7	406.4	999.9	99.9	999.9	75.8	33.
65.3	140.0	18225.4	75.0	-58.5	99.9	223.7	15.7	10.9	11.3	450.4	999.9	99.9	999.9	81.6	34.
73.6	150.3	20409.3	50.0	-54.6	99.9	154.0	5.8	-2.6	5.3	514.9	999.9	99.9	999.9	85.6	34.
86.6	161.3	25304.4	25.0	-48.7	99.9	273.5	6.2	6.2	-0.4	665.1	999.9	99.9	999.9	84.7	34.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPEKA, KANSAS

9 MAY 1979
1705 GMT

168 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	5.3	269.0	973.7	25.0	17.2	190.0	8.8	1.5	8.7	300.4	334.7	12.8	62.8	8.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	10.5	484.3	950.0	23.1	16.1	179.8	12.4	-0.0	12.4	300.6	333.3	12.2	64.6	0.7	3.
1.8	12.9	716.3	925.0	20.7	15.1	180.5	12.8	0.1	12.8	300.5	332.0	11.8	70.2	1.3	1.
2.8	15.3	953.3	900.0	18.5	14.7	185.1	14.4	1.3	14.3	300.6	332.6	12.0	79.4	2.3	2.
3.8	17.7	1194.6	875.0	16.5	14.6	193.8	12.8	3.0	12.4	301.0	333.4	12.1	88.5	3.0	3.
5.0	20.2	1441.3	850.0	14.8	13.5	206.0	14.1	6.2	12.7	301.7	332.8	11.6	92.0	3.9	7.
6.1	22.6	1694.3	825.0	14.1	11.8	213.6	18.3	10.1	15.2	303.5	332.5	10.6	85.9	4.9	12.
7.1	25.1	1954.8	800.0	14.3	6.9	218.6	24.3	12.4	20.9	306.4	328.3	7.8	60.7	6.1	17.
8.2	27.6	2222.9	775.0	14.2	-16.4	199.9	27.5	9.4	25.9	309.1	315.6	2.2	17.1	7.8	19.
9.2	30.2	2496.9	750.0	13.9	-27.0	195.7	28.0	7.6	27.0	312.7	314.6	0.6	3.9	9.5	18.
10.3	32.9	2785.0	725.0	13.9	-20.0	194.2	28.2	7.0	27.4	316.7	318.2	1.1	7.9	11.3	18.
11.4	35.6	3079.5	700.0	12.2	-20.6	193.9	27.9	6.7	27.1	316.0	319.4	1.1	8.3	13.2	17.
12.7	38.2	3382.3	675.0	9.4	-18.9	197.2	27.9	8.2	26.7	316.6	320.8	1.3	11.5	15.4	17.
14.1	41.0	3693.5	650.0	7.0	-15.2	198.3	28.5	8.3	25.1	316.9	322.7	1.8	18.7	17.7	17.
15.5	43.8	4014.3	625.0	4.2	-16.7	198.5	28.5	9.0	27.0	317.2	322.5	1.7	20.1	19.9	17.
17.7	46.7	4344.5	600.0	1.5	-19.4	198.7	27.3	8.8	25.9	317.8	322.3	1.4	19.3	22.0	17.
17.9	49.6	4685.2	575.0	-1.7	-19.6	197.6	27.6	8.4	26.3	319.1	322.6	1.4	23.8	24.0	17.
19.1	52.5	5037.0	550.0	-4.9	-19.5	196.5	28.2	8.0	27.1	320.3	323.1	1.5	30.6	26.0	17.
20.3	55.6	5403.5	525.0	-8.3	-23.2	195.0	24.5	6.4	23.7	320.5	322.2	1.1	28.7	28.0	17.
21.7	58.8	5776.7	500.0	-11.9	-21.4	195.6	25.2	6.7	24.2	321.6	323.1	1.4	44.7	29.9	17.
23.2	62.0	6166.6	475.0	-15.0	-39.5	195.5	25.2	6.7	24.3	319.4	320.5	0.3	11.3	32.2	17.
24.7	65.3	6574.7	450.0	-16.8	-49.2	197.5	23.7	7.1	22.6	322.1	322.5	0.1	4.1	34.5	17.
26.4	68.7	7001.0	425.0	-19.9	-47.7	200.6	19.7	6.9	18.4	323.5	323.9	0.1	6.4	36.6	17.
28.1	72.3	7449.4	400.0	-22.4	-51.3	209.5	20.2	9.9	17.6	325.9	326.2	0.1	5.2	39.6	17.
29.8	75.9	7919.5	375.0	-25.9	-49.3	216.4	19.8	11.7	15.9	327.4	327.8	0.1	9.8	40.7	18.
31.7	79.7	8414.2	350.0	-30.8	-45.0	223.2	20.3	13.9	14.8	327.2	327.9	0.2	23.4	42.7	19.
33.9	83.7	8935.1	325.0	-34.9	-47.8	226.0	20.1	14.5	14.0	328.7	329.2	0.2	25.4	45.0	21.
36.3	87.8	9488.7	300.0	-39.4	99.9	221.6	22.4	14.9	16.8	329.9	999.9	99.9	999.9	47.8	22.
38.6	92.0	10078.5	275.0	-43.8	99.9	220.6	22.9	14.9	17.4	331.8	999.9	99.9	999.9	50.8	23.
41.9	96.6	10711.2	250.0	-48.8	99.9	222.3	25.1	16.9	18.5	333.5	999.9	99.9	999.9	54.0	24.
43.4	101.4	11395.4	225.0	-54.0	99.9	223.5	22.9	15.8	16.6	335.8	999.9	99.9	999.9	57.4	26.
46.5	106.6	12140.4	200.0	-60.5	99.9	217.0	21.3	12.8	17.0	337.0	999.9	99.9	999.9	61.2	26.
49.7	112.2	12966.3	175.0	-61.5	99.9	225.0	25.5	18.0	18.0	340.4	999.9	99.9	999.9	65.6	28.
52.9	118.0	13926.6	150.0	-60.8	99.9	211.9	26.6	14.1	22.6	345.4	999.9	99.9	999.9	70.6	28.
57.2	124.8	15062.5	125.0	-61.8	99.9	224.5	24.0	16.8	17.1	383.1	999.9	99.9	999.9	77.1	29.
62.2	132.3	16443.6	100.0	-61.7	99.9	224.5	18.9	13.2	13.5	408.6	999.9	99.9	999.9	83.4	30.
68.6	141.0	18233.3	75.0	-55.5	99.9	216.5	13.5	8.0	10.8	456.6	999.9	99.9	999.9	90.5	31.
77.0	151.0	20813.7	50.0	-36.5	99.9	130.1	7.4	-5.6	4.7	510.3	999.9	99.9	999.9	93.4	31.
90.7	162.0	25310.4	25.0	-48.0	99.9	16.7	4.2	-1.2	-4.0	666.5	999.9	99.9	999.9	92.3	30.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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STATION NO. 456
TOPEKA, KANSAS

9 MAY 1979
2000 GMT

160 12. 0

TIME MIN	L ***F	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.4	289.0	972.9	27.2	15.2	180.0	8.2	0.0	8.2	302.7	333.3	11.2	48.2	0.0	0.
99.9	99.9	99.9	1000.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	13.5	479.4	950.0	25.1	15.8	174.7	13.1	-1.2	13.1	302.7	335.1	12.0	58.2	0.5	352.
1.3	12.9	712.1	925.0	22.9	14.6	177.7	13.2	-0.5	13.2	302.7	333.6	11.4	59.8	1.0	354.
2.2	15.3	945.3	900.0	20.5	13.8	179.4	13.2	-0.1	13.2	302.6	332.8	11.1	65.8	1.7	356.
3.1	17.7	1193.2	875.0	18.2	13.3	181.1	12.1	0.2	12.1	302.7	332.7	11.1	73.1	2.4	357.
3.9	20.3	1441.0	850.0	15.4	12.6	183.8	11.8	0.8	11.8	302.2	331.7	10.9	83.5	2.9	358.
4.9	22.7	1634.1	825.0	13.3	12.3	191.8	11.4	2.3	11.2	302.7	332.6	11.0	93.9	3.6	0.
6.0	24.3	1953.2	800.0	12.2	8.1	194.2	12.4	3.1	12.1	304.2	327.8	8.5	76.4	4.4	2.
7.3	27.8	2220.4	775.0	13.4	1.2	199.4	18.8	6.3	17.8	308.3	324.0	5.4	47.5	5.2	5.
7.4	33.8	2496.3	750.0	12.8	-22.6	202.0	25.3	9.5	23.4	310.5	315.1	1.5	12.4	6.3	8.
8.9	33.0	2780.4	725.0	12.8	-42.1	199.6	27.8	9.3	26.2	313.5	314.0	0.1	1.0	8.0	11.
10.2	35.7	3078.0	700.0	11.3	-43.0	198.3	28.0	8.8	26.5	315.0	315.4	0.1	1.0	10.1	12.
11.5	39.4	3376.1	675.0	9.5	-44.1	197.3	27.0	8.0	25.8	316.3	316.7	0.1	1.0	12.3	13.
12.6	41.2	3687.2	650.0	7.1	-23.1	197.6	24.4	7.4	23.3	317.0	320.0	0.9	9.4	14.0	14.
13.7	44.1	4007.6	625.0	4.2	-23.3	200.5	23.0	8.0	21.5	317.3	320.4	0.9	11.2	15.6	14.
14.9	47.3	4337.5	600.0	1.0	-19.7	200.9	24.0	8.6	22.4	317.3	321.7	1.3	19.5	17.2	15.
17.0	49.9	4677.7	575.0	-2.0	-17.6	200.4	24.0	8.4	22.5	317.6	323.0	1.7	29.2	18.9	15.
17.2	52.3	5029.0	550.0	-5.0	-29.7	202.0	24.0	9.0	22.2	318.2	320.4	0.6	13.3	20.6	16.
18.6	55.0	5392.6	525.0	-8.0	-35.1	202.1	26.2	9.8	24.3	318.8	320.0	0.4	9.2	22.6	16.
19.9	57.1	5769.4	500.0	-11.2	-46.5	201.1	26.0	9.3	24.2	319.4	320.2	0.2	6.7	24.7	17.
21.3	62.3	6161.1	475.0	-13.3	-58.3	205.6	22.6	9.8	20.4	321.0	321.7	0.0	1.0	26.7	17.
22.8	64.6	6571.0	450.0	-15.6	-59.8	208.8	23.8	11.5	20.9	323.6	323.7	0.0	1.0	28.7	18.
24.4	67.0	6998.5	425.0	-18.5	-62.3	213.7	23.5	13.0	19.6	324.0	324.0	0.0	1.0	30.9	19.
26.1	72.6	7446.2	400.0	-23.1	-64.6	214.7	22.6	12.9	18.6	325.0	325.1	0.0	1.0	33.1	20.
27.9	75.2	7916.4	375.0	-25.5	-58.4	215.2	22.2	13.0	18.0	327.9	328.1	0.0	1.0	35.5	21.
29.8	79.9	8412.5	350.0	-29.3	-56.4	221.8	22.0	14.7	16.4	329.3	329.5	0.1	5.3	37.7	22.
31.8	84.8	8937.6	325.0	-33.4	-61.4	220.8	23.0	15.0	17.4	330.7	330.8	0.0	4.1	40.2	23.
33.7	87.4	9474.7	300.0	-37.8	-63.8	221.3	23.6	15.5	17.7	332.1	332.2	0.0	4.6	43.1	25.
35.1	92.2	10067.6	275.0	-43.1	99.9	223.0	21.5	14.7	15.7	332.9	999.9	99.9	999.9	46.1	26.
38.7	96.8	10722.0	250.0	-48.9	99.9	224.4	24.5	17.1	17.5	333.4	999.9	99.9	999.9	49.4	27.
41.2	101.6	11406.5	225.0	-53.5	99.9	227.3	24.2	17.8	16.4	336.5	999.9	99.9	999.9	53.1	28.
43.9	106.6	12153.6	200.0	-54.5	99.9	229.4	26.0	19.7	16.9	338.5	999.9	99.9	999.9	56.8	30.
46.9	112.3	12983.2	175.0	-64.0	99.9	219.8	28.6	18.3	22.0	344.3	999.9	99.9	999.9	61.4	31.
50.1	118.3	13935.0	150.0	-60.6	99.9	212.6	29.9	16.1	25.2	365.6	999.9	99.9	999.9	67.0	31.
54.3	125.	15074.7	125.0	-59.8	99.9	225.7	27.8	19.9	19.4	386.7	999.9	99.9	999.9	74.4	32.
59.1	132.	16453.6	100.0	-63.6	99.9	225.0	26.5	14.5	14.5	404.9	999.9	99.9	999.9	80.4	33.
65.3	141.3	18254.0	75.0	-56.5	99.9	222.3	17.0	11.4	12.5	454.5	999.9	99.9	999.9	87.5	34.
73.3	151.0	20819.9	50.0	-56.4	99.9	203.8	4.9	2.0	4.5	510.6	999.9	99.9	999.9	91.3	34.
86.3	161.5	25301.6	25.0	-48.4	99.9	999.9	99.9	99.9	99.9	645.8	999.9	99.9	999.9	91.4	34.

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STATION NO. 456
TOPEKA, KANSAS

9 MAY 1979
2300 GMT

160 10. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.0	268.0	972.9	27.2	16.5	170.0	7.7	-1.3	7.6	302.7	336.4	12.5	53.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	11.1	478.1	950.0	24.8	16.1	999.9	99.9	.0	99.9	302.4	335.3	12.2	58.4	999.9	999.
1.3	13.5	711.9	925.0	22.2	14.3	999.9	99.9	99.9	99.9	302.1	332.3	11.2	60.9	999.9	999.
2.3	15.9	944.3	900.0	20.2	13.8	999.9	99.9	99.9	99.9	302.3	332.4	11.1	66.6	999.9	999.
3.2	18.4	1176.7	875.0	17.8	13.4	176.2	12.4	-0.8	12.4	302.3	332.6	11.2	75.6	2.4	349.
4.1	20.9	1433.8	850.0	15.5	13.2	179.4	11.5	-0.1	11.5	302.4	333.1	11.3	85.9	3.0	351.
5.1	23.4	1693.1	825.0	13.3	12.1	999.9	99.9	99.9	99.9	302.7	332.1	10.8	91.9	3.7	353.
6.1	25.9	1952.2	800.0	11.6	10.1	999.9	99.9	99.9	99.9	303.5	330.3	9.8	90.6	999.9	999.
7.3	28.4	2217.7	775.0	10.2	8.4	999.9	99.9	99.9	99.9	304.8	329.7	9.0	89.0	999.9	999.
8.2	31.0	2491.2	750.0	12.1	-18.8	999.9	99.9	99.9	99.9	309.7	313.4	1.2	9.8	999.9	999.
9.1	33.6	2775.9	725.0	13.2	-15.4	999.9	99.9	99.9	99.9	313.9	318.9	1.6	12.2	999.9	999.
10.1	36.3	3069.6	700.0	11.3	-9.3	999.9	99.9	99.9	99.9	315.0	323.3	2.7	22.5	999.9	999.
11.2	39.0	3371.4	675.0	9.3	-9.1	202.6	22.3	8.6	20.6	316.0	324.8	2.8	26.1	10.3	9.
12.4	41.8	3683.2	650.0	6.8	-13.1	202.0	22.1	8.3	20.5	316.6	323.4	2.1	22.6	11.8	11.
13.4	44.6	4003.6	625.0	3.8	-17.5	201.0	22.7	8.1	21.1	316.9	321.8	1.5	19.2	13.2	12.
14.5	47.4	4333.4	600.0	1.0	-20.3	202.0	22.1	8.3	20.5	317.3	321.5	1.3	18.5	14.9	13.
15.7	50.4	4673.4	575.0	-2.4	-20.8	201.4	23.6	8.6	22.0	317.2	321.3	1.3	22.7	16.3	14.
16.9	53.4	5024.0	550.0	-5.8	-21.3	201.6	24.4	9.0	22.6	317.2	321.4	1.3	28.0	17.9	14.
18.0	56.4	5386.3	525.0	-9.7	-31.2	205.1	23.0	9.7	20.8	318.0	320.1	0.6	16.9	19.6	15.
19.4	59.6	5763.2	500.0	-10.3	-46.6	208.7	22.8	11.0	20.0	320.5	320.9	0.1	3.2	21.3	16.
20.8	62.9	6156.0	475.0	-13.2	-44.7	209.1	23.5	11.4	20.5	321.7	322.2	0.1	5.0	23.0	17.
22.3	66.1	6563.3	450.0	-16.4	-46.4	214.5	22.3	12.6	18.4	322.6	323.1	0.1	5.4	24.9	18.
23.5	69.5	6992.6	425.0	-19.4	-46.9	219.0	22.3	14.1	17.3	324.1	324.6	0.1	6.6	26.8	20.
25.2	73.0	7441.1	400.0	-21.8	-46.7	222.1	22.9	15.4	17.0	326.7	327.2	0.1	8.3	28.9	21.
26.9	76.7	7913.3	375.0	-25.4	-46.4	226.4	23.2	16.8	16.0	328.0	328.6	0.2	11.9	31.1	23.
28.7	80.4	8409.8	350.0	-29.6	-47.8	226.8	23.2	16.9	15.9	328.9	329.4	0.1	15.1	33.4	25.
30.6	84.3	8934.1	325.0	-33.6	-52.0	222.6	21.9	14.8	16.1	330.3	330.7	0.1	13.7	35.7	26.
32.6	88.3	9493.4	300.0	-38.3	-56.0	224.5	23.2	16.2	16.6	331.4	331.6	0.1	13.4	38.4	27.
34.7	92.6	10093.0	275.0	-43.2	99.9	225.0	23.3	16.4	16.5	332.6	999.9	99.9	999.9	41.1	28.
36.7	97.0	10717.2	250.0	-48.6	99.9	228.7	23.6	17.7	15.6	333.9	999.9	99.9	999.9	44.1	30.
39.1	101.8	11400.3	225.0	-54.5	99.9	232.3	24.8	19.6	15.1	335.0	999.9	99.9	999.9	47.0	31.
41.7	107.3	12145.9	200.0	-59.6	99.9	234.2	22.4	18.2	13.1	338.4	999.9	99.9	999.9	50.5	33.
44.6	112.5	12972.4	175.0	-63.8	99.9	230.3	24.1	18.5	15.4	344.6	999.9	99.9	999.9	53.9	34.
47.8	118.5	13924.6	150.0	-61.4	99.9	217.5	31.4	19.1	24.9	364.3	999.9	99.9	999.9	59.6	35.
52.2	126.3	15058.1	125.0	-61.0	99.9	229.9	26.4	20.2	17.0	384.6	999.9	99.9	999.9	67.0	36.
57.0	132.8	16436.1	100.0	-63.4	99.9	229.4	21.0	16.0	13.7	405.2	999.9	99.9	999.9	73.3	37.
63.3	141.3	18222.6	75.0	-58.5	99.9	222.0	15.9	10.6	11.8	450.4	999.9	99.9	999.9	80.9	37.
71.7	151.3	20771.1	50.0	-57.2	99.9	230.2	5.2	4.0	3.3	508.7	999.9	99.9	999.9	84.0	37.
85.2	162.0	25236.9	25.0	-49.7	99.9	330.5	7.5	3.7	-6.5	641.6	999.9	99.9	999.9	81.9	39.

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STATION NO. 456
TOPEKA, KANSAS

10 MAY 1979
205 GMT

161 13. 8

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.6	9.1	268.0	973.5	24.4	15.6	180.0	6.2	0.0	6.2	299.9	330.7	11.6	58.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.8	11.3	492.7	950.9	24.2	14.3	999.9	99.9	99.9	99.9	30 .8	331.2	10.9	53.8	999.9	999.
1.7	13.7	715.9	925.0	22.6	13.1	999.9	99.9	99.9	99.9	302.4	330.4	10.5	56.9	999.9	999.
2.7	16.1	953.9	900.0	20.7	12.9	999.9	99.9	99.9	99.9	302.8	331.4	10.5	61.2	999.9	999.
3.9	18.5	1197.2	875.0	18.8	11.3	999.9	99.9	99.9	99.9	303.3	329.9	9.7	61.9	999.9	999.
5.3	21.0	1445.5	850.0	16.7	9.6	999.9	99.9	99.9	99.9	303.6	328.1	8.9	63.0	999.9	999.
6.2	23.4	1699.3	825.0	14.3	8.8	175.9	19.3	-1.4	19.3	333.8	327.6	8.7	69.2	6.4	358.
7.1	25.9	1959.8	800.0	12.2	7.2	181.4	15.5	0.4	15.5	304.2	326.4	8.0	71.2	7.5	358.
8.0	28.4	2224.7	775.0	10.3	6.9	185.2	13.9	1.3	13.9	334.9	327.5	8.1	79.3	8.2	359.
8.9	31.0	2494.2	750.0	11.0	-1.9	188.9	18.7	2.9	18.5	308.5	322.3	4.7	43.3	9.8	359.
10.0	33.7	2771.5	725.0	12.2	-31.1	189.1	21.7	3.4	21.5	312.8	314.4	0.5	3.9	10.3	1.
11.0	36.3	3054.1	700.0	10.5	-31.1	186.7	22.1	2.6	21.9	314.2	315.6	0.4	3.7	11.7	2.
12.1	39.1	3345.5	675.0	8.9	-13.2	187.5	22.0	2.9	21.8	315.6	322.0	2.0	19.5	13.2	2.
13.2	41.9	3646.7	650.0	6.8	-12.3	191.5	22.4	4.5	22.0	316.6	323.8	2.3	24.1	14.7	3.
14.5	44.7	4337.1	625.0	3.9	-11.6	195.4	21.4	5.7	20.6	316.9	324.8	2.5	31.3	16.2	4.
15.7	47.6	4337.1	600.0	0.8	-14.9	199.1	22.4	7.3	21.1	317.0	323.5	2.0	30.2	17.8	5.
17.0	50.5	4677.0	575.0	-2.1	-29.1	204.4	24.1	10.0	22.0	317.5	319.5	0.6	10.2	19.6	7.
18.4	53.5	5027.8	550.0	-5.4	-30.7	209.5	21.9	10.8	19.1	317.7	319.6	0.6	11.9	21.4	9.
19.9	56.6	5391.1	525.0	-7.4	-52.0	209.8	22.1	11.0	19.2	319.6	319.8	0.1	1.5	23.1	10.
21.3	59.8	5770.0	500.0	-9.2	-55.7	210.1	22.6	11.4	19.6	321.9	322.0	0.0	1.0	25.0	12.
22.7	63.0	6164.7	475.0	-11.9	-57.4	215.1	23.0	13.2	18.8	323.3	323.4	0.0	1.0	26.8	13.
24.2	66.3	6576.5	450.0	-14.9	-59.3	219.2	23.4	14.8	18.1	324.6	324 7	0.0	1.0	28.8	15.
25.9	69.7	7006.3	425.0	-19.0	-61.3	219.8	20.8	13.4	16.0	325.9	326.0	0.0	1.0	30.8	17.
27.6	73.3	7456.2	400.0	-21.7	-53.3	215.9	21.3	12.5	17.3	326.8	327.1	0.1	4.1	32.8	18.
29.5	77.0	7928.1	375.0	-25.3	-45.7	217.3	19.7	11.9	15.7	328.1	328.7	0.2	12.8	34.9	19.
31.4	81.7	8425.0	350.0	-29.1	-52.5	216.4	20.3	12.0	16.3	329.5	329.8	0.1	8.4	37.2	20.
33.4	84.7	8949.9	325.0	-33.5	-55.9	214.3	22.6	12.7	18.7	330.5	330.7	0.1	8.5	39.7	21.
35.4	89.8	9507.2	300.0	-37.8	-57.1	212.8	21.3	11.5	17.9	332.1	332.3	0.1	11.1	42.3	22.
37.7	93.2	10100.7	275.0	-42.8	99.9	212.9	22.1	12.0	18.6	333.3	999.9	99.9	999.9	45.1	23.
39.9	97.7	10737.3	250.0	-47.9	99.9	216.3	22.1	13.1	17.8	334.9	999.9	99.9	999.9	47.9	23.
42.2	102.6	11424.6	225.0	-52.9	99.9	225.0	23.5	16.6	16.6	337.4	999.9	99.9	999.9	51.0	24.
44.7	107.8	12173.6	200.0	-59.3	99.9	227.4	21.4	15.8	14.5	338.9	999.9	99.9	999.9	54.3	26.
47.4	113.4	12994.3	175.0	-65.5	99.9	230.2	27.2	20.9	17.4	341.8	999.9	99.9	999.9	57.7	27.
50.6	119.5	13938.7	150.0	-65.8	99.9	222.8	29.4	20.0	21.6	356.7	999.9	99.9	999.9	63.0	29.
54.7	126.3	15058.5	125.0	-62.4	99.9	221.1	22.3	14.7	16.8	382.1	999.9	99.9	999.9	69.7	30.
59.7	134.0	16433.0	100.0	-61.6	99.9	212.9	17.5	9.5	14.7	408.6	999.9	99.9	999.9	74.8	31.
65.9	143.0	18215.7	75.0	-60.2	99.9	221.2	12.5	8.2	9.4	446.7	999.9	99.9	999.9	81.3	32.
74.6	153.0	20755.5	50.0	-57.3	99.9	183.6	5.8	0.4	5.8	508.4	999.9	99.9	999.9	83.5	32.
89.8	164.0	25106.0	25.0	-50.1	99.9	999.9	99.9	99.9	99.9	640.7	999.9	99.9	999.9	79.2	32.

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STATION NO. 456
TOPEKA, KANSAS

10 MAY 1979
505 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.9	269.0	973.5	22.8	15.6	170.0	5.1	-0.9	5.0	298.2	329.0	11.6	64.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	11.2	492.4	950.0	23.5	15.6	173.2	16.0	-1.9	15.9	301.1	332.8	11.8	61.1	0.5	349.
1.4	13.5	715.3	925.0	22.4	14.8	174.5	17.2	-1.7	17.2	302.2	333.3	11.5	62.0	1.2	352.
2.2	15.9	953.1	900.0	20.3	13.9	174.7	17.5	-1.6	17.4	302.5	332.8	11.2	66.4	2.1	353.
3.1	18.2	1186.2	875.0	18.2	12.7	176.7	18.3	-1.1	18.3	302.8	331.7	10.6	70.0	2.9	354.
3.9	20.6	1444.5	850.0	16.6	10.3	182.1	16.8	0.6	16.7	303.6	330.1	9.7	68.9	3.8	355.
4.7	23.1	1694.2	825.0	14.3	9.7	186.0	17.9	1.9	17.8	303.7	329.1	9.3	74.3	4.6	357.
5.6	25.6	1957.7	800.0	11.9	9.7	189.9	16.9	2.9	16.6	303.8	330.0	9.5	86.6	5.6	359.
6.5	28.1	2221.1	775.0	9.6	8.8	193.7	18.2	3.4	17.8	304.1	329.5	9.2	94.8	6.5	0.
7.6	30.7	2497.8	750.0	15.0	-26.0	194.2	18.4	4.5	17.8	312.9	320.7	2.7	20.6	7.7	2.
8.6	33.3	2794.2	725.0	14.8	-40.9	191.7	22.6	4.6	22.2	315.7	316.2	0.1	1.0	8.8	4.
9.6	36.0	3079.1	700.0	12.8	-29.3	191.6	22.7	4.6	22.2	316.7	318.4	0.5	3.6	10.2	5.
10.5	38.7	3382.5	675.0	9.9	-17.6	194.9	20.2	5.2	19.5	316.7	321.3	1.4	12.7	11.1	6.
11.5	41.4	3674.1	650.0	7.0	-19.1	198.2	20.9	6.5	19.9	316.9	321.5	1.4	14.9	12.5	7.
12.6	44.2	4014.4	625.0	4.1	-28.9	203.2	20.7	8.2	19.1	317.1	319.8	0.8	9.9	13.9	8.
13.6	47.1	4344.3	600.0	1.2	-35.4	210.3	21.0	10.6	18.2	317.5	318.6	0.3	4.3	15.2	10.
14.8	50.0	4684.3	575.0	-1.4	-38.0	215.7	20.8	12.1	16.9	318.3	319.2	0.2	4.1	16.5	12.
16.0	53.0	5036.7	550.0	-4.7	-35.5	218.9	21.7	13.6	16.9	318.6	319.7	0.3	6.8	17.9	14.
17.2	56.0	5400.7	525.0	-7.8	-36.6	221.1	22.7	14.9	17.1	319.1	320.2	0.3	7.7	19.3	16.
18.4	59.2	5777.3	500.0	-11.2	-41.3	222.4	22.1	14.9	16.3	319.3	320.1	0.2	6.3	20.7	18.
19.5	62.4	6164.7	475.0	-13.0	-54.2	217.7	22.0	13.4	17.4	321.9	322.0	0.0	1.0	22.2	19.
20.9	65.7	6579.3	450.0	-15.7	-57.9	209.5	23.3	11.5	20.3	323.6	323.7	0.0	1.0	23.9	20.
22.3	69.0	7007.8	425.0	-18.8	-61.8	206.4	23.1	10.3	20.7	324.9	325.0	0.0	1.0	25.9	21.
23.9	72.6	7456.5	400.0	-22.1	-59.0	205.1	24.8	10.5	22.4	326.3	326.4	0.0	2.2	28.0	21.
25.3	76.1	7926.3	375.0	-25.2	-64.8	202.4	24.3	9.2	22.5	328.3	329.0	0.2	14.2	30.2	21.
27.2	79.9	8425.4	350.0	-29.1	-65.5	202.8	23.5	9.1	21.6	329.5	331.4	0.5	53.8	32.9	21.
29.3	83.7	8952.7	325.0	-32.1	-35.9	213.4	22.8	12.8	19.1	332.4	334.4	0.5	66.5	35.4	22.
30.8	87.8	9512.3	300.0	-37.1	-40.3	220.7	22.5	14.6	17.0	333.1	334.	0.4	71.3	37.7	23.
32.6	92.0	10107.9	275.0	-42.0	99.9	213.1	24.6	13.4	20.6	334.4	999.9	99.9	999.9	40.3	24.
34.6	96.6	10745.2	250.0	-48.1	99.9	208.8	22.3	10.7	19.5	334.6	999.9	99.9	999.9	43.0	24.
36.3	101.3	11430.4	225.0	-53.6	99.9	207.9	24.1	11.3	21.3	336.4	999.9	99.9	999.9	46.1	24.
38.3	106.4	12180.1	200.0	-58.9	99.9	223.0	24.3	16.6	17.8	339.6	999.9	99.9	999.9	49.6	25.
41.6	112.0	13005.1	175.0	-65.8	99.9	999.9	99.9	99.9	99.9	341.3	999.9	99.9	999.9	53.9	27.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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805 GMT

148 31. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.2	268.3	976.0	21.7	17.3	170.0	4.1	-0.7	4.0	297.1	330.9	12.9	76.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	11.3	485.9	950.0	22.6	16.5	185.3	13.6	1.3	13.5	300.1	333.5	12.5	68.4	0.4	354.
1.7	13.4	718.2	925.0	21.6	15.2	191.3	17.4	3.4	17.1	301.4	333.4	11.9	67.1	1.3	4.
2.5	15.9	956.1	900.0	20.5	14.3	192.9	18.4	4.1	17.9	302.6	333.8	11.5	67.6	2.2	8.
3.4	18.2	1199.2	875.0	18.5	13.2	197.5	18.4	4.9	17.6	303.1	332.9	11.0	70.9	3.1	10.
4.2	20.6	1447.7	850.0	16.6	13.0	205.8	15.0	6.5	13.5	303.5	333.9	11.2	79.4	3.9	12.
5.2	23.0	1701.6	825.0	14.6	11.7	215.4	14.1	9.3	13.1	304.1	332.9	10.6	82.4	4.7	15.
6.2	25.4	1961.8	800.0	12.7	9.7	221.5	17.9	11.9	13.4	304.7	330.9	9.5	81.9	5.7	20.
7.2	27.9	2229.1	775.0	10.5	9.4	218.7	19.2	12.0	15.0	305.1	331.7	9.6	92.6	6.7	23.
8.1	30.4	2504.2	750.0	8.7	7.6	215.9	19.3	11.3	15.6	306.0	330.5	8.8	92.8	7.8	25.
9.2	32.9	2788.4	725.0	6.6	5.6	211.3	19.9	10.3	17.0	306.7	328.9	7.9	93.4	9.0	26.
10.1	35.5	3079.0	700.0	8.5	-21.1	198.9	22.1	7.2	20.9	311.9	320.5	3.0	35.8	10.1	26.
11.3	38.1	3378.3	675.0	10.2	-43.7	192.1	23.8	5.0	23.3	317.0	317.5	0.1	1.0	11.5	25.
12.1	40.7	3685.4	650.0	7.5	-45.3	189.6	21.7	3.6	21.4	317.5	317.9	0.1	1.0	12.8	23.
13.2	43.4	4004.7	625.0	4.6	-39.9	190.6	20.5	3.9	20.2	317.7	318.7	0.3	3.4	14.2	22.
14.3	46.2	4335.1	600.0	1.5	-31.2	191.2	20.1	4.6	19.5	317.8	319.5	0.5	6.6	15.5	21.
15.4	49.0	4679.3	575.0	-1.7	-31.0	194.3	19.2	4.8	18.6	318.0	319.7	0.5	9.5	16.8	21.
16.7	51.9	5036.5	550.0	-5.3	-40.3	194.3	17.3	4.3	16.8	317.8	318.6	0.2	6.5	18.2	20.
17.9	54.9	5409.7	525.0	-8.3	-55.1	195.7	17.4	4.7	16.7	318.5	318.7	0.0	1.0	19.5	20.
19.2	57.9	5765.4	500.0	-11.7	-57.3	201.3	16.9	6.1	15.7	318.8	318.9	0.0	1.0	20.7	20.
20.5	61.0	6155.6	475.0	-15.1	-59.5	206.6	18.8	8.4	16.8	319.3	319.4	0.0	1.0	22.1	20.
21.8	64.1	5562.4	450.0	-17.5	-59.2	202.4	23.5	8.9	21.8	321.2	321.3	0.0	1.6	23.7	20.
23.2	67.4	6937.3	425.0	-21.1	-28.0	196.1	27.9	7.8	26.8	321.9	324.9	0.9	53.7	25.9	20.
24.7	70.9	7333.0	400.0	-23.4	-28.5	193.2	29.6	6.8	28.8	324.6	327.7	0.9	62.6	28.5	20.
26.2	74.3	7703.4	375.0	-25.9	-31.3	195.2	31.4	8.2	30.3	327.3	329.9	0.7	60.1	31.3	19.
27.4	77.9	8093.5	350.0	-29.5	-33.3	210.9	34.6	17.8	29.7	330.3	332.6	0.7	63.3	34.5	19.
29.5	81.7	8529.9	325.0	-31.4	-36.6	232.2	39.9	26.4	18.9	333.4	335.2	0.5	60.0	37.6	21.
31.4	85.7	9491.1	300.0	-36.3	-42.4	240.4	28.0	24.4	13.8	334.2	335.3	0.3	53.1	40.3	24.
33.2	89.7	10348.3	275.0	-41.4	99.9	233.2	23.7	19.0	14.2	335.3	999.9	99.9	999.9	42.5	26.
35.3	94.2	11227.1	250.0	-47.1	99.9	221.0	21.3	14.0	16.0	336.1	999.9	99.9	999.9	45.2	27.
37.2	98.7	11816.5	225.0	-52.6	99.9	214.0	23.2	13.0	19.2	338.0	999.9	99.9	999.9	47.5	28.
39.4	103.6	12165.9	200.0	-59.6	99.9	218.1	27.6	17.0	21.7	338.4	999.9	99.9	999.9	50.9	28.
42.1	109.0	12996.4	175.0	-66.9	99.9	227.3	34.3	25.2	23.2	339.5	999.9	99.9	999.9	55.5	30.
45.1	114.9	13937.8	150.0	-65.0	99.9	224.9	37.1	26.2	26.3	358.1	999.9	99.9	999.9	62.3	31.
49.3	121.3	15045.9	125.0	-62.4	99.9	221.5	23.2	15.4	17.4	382.1	999.9	99.9	999.9	68.9	33.
53.6	128.7	16429.8	100.0	-62.8	99.9	216.5	20.9	12.4	16.8	406.4	999.9	99.9	999.9	75.0	33.
60.1	137.0	18208.7	75.0	-58.4	99.9	206.9	9.9	4.5	8.8	450.4	999.9	99.9	999.9	80.7	34.
70.1	147.3	20749.3	50.0	-58.6	99.9	170.6	5.2	-0.9	5.2	505.4	999.9	99.9	999.9	83.8	33.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 456
TOPEKA, KANSAS

10 MAY 1979
1135 GMT

158 14. 0

TIME MIN	CAT CT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.8	2684.0	978.0	21.1	17.1	170.0	5.1	-0.9	5.0	296.5	330.3	12.9	79.0	0.0	0.
99.9	99.9	99.9	1333.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.8	11.3	444.6	930.0	23.4	17.1	180.1	12.4	1.1	12.4	297.9	333.0	12.2	75.0	0.5	356.
1.5	13.5	787.1	914.0	24.2	18.4	200.6	12.8	4.5	12.0	299.0	330.0	11.6	76.0	1.0	4.
2.4	15.4	1131.3	898.0	25.3	13.1	223.5	11.2	8.2	8.6	300.4	329.0	10.6	71.5	1.6	15.
3.2	17.3	1476.2	882.0	26.6	10.4	243.1	12.7	11.1	5.7	301.1	326.5	9.4	68.5	2.1	26.
4.2	20.4	1819.9	866.0	27.2	9.3	256.1	15.0	14.6	4.1	302.1	325.5	8.5	66.4	2.7	38.
5.3	22.1	2161.1	850.0	28.6	7.2	267.6	15.7	14.5	6.0	304.0	329.6	7.8	61.2	3.4	46.
6.3	24.3	2501.7	833.0	28.6	6.1	275.7	15.3	12.6	8.7	304.6	329.2	7.4	64.3	4.3	49.
7.2	27.4	2841.9	817.0	28.7	6.7	281.7	15.5	10.3	11.6	305.5	327.9	8.0	75.7	5.1	49.
7.8	3 .3	3181.8	801.0	26.5	5.2	285.5	13.4	9.2	10.7	306.9	329.0	7.8	78.3	6.0	47.
8.3	33.4	3522.3	785.0	8.2	3.3	288.4	22.8	9.1	21.0	308.4	328.2	7.0	74.0	7.3	43.
1 .1	3 .9	3861.5	769.0	6.2	1.5	291.5	22.8	8.3	21.2	309.3	327.0	6.1	72.1	8.8	39.
11.4	3 .2	4201.4	753.0	3.7	.1	294.9	23.3	8.3	21.8	309.8	326.1	5.6	76.0	10.6	36.
1 .7	4 .7	4545.1	737.0	2.5	-4.1	296.6	21.9	6.3	21.0	312.2	326.1	4.3	69.1	12.4	34.
14.1	4 .7	4888.3	721.0	1.7	-11.4	297.6	21.6	2.8	21.4	316.1	327.5	1.1	41.7	13.9	31.
1 .1	4 .6	5232.2	705.	.7	-24.2	298.4	23.3	2.2	23.1	317.0	327.0	0.9	33.4	15.1	29.
16.1	44.4	5577.1	689.0	-1.3	-25.5	299.2	23.2	2.3	23.1	317.3	327.3	0.9	36.2	16.7	27.
17.3	5 .4	5922.7	673.0	-1.4	-25.	299.3	23.6	3.4	23.3	317.7	327.2	0.8	35.3	18.1	25.
17.4	5 .4	6268.1	657.	-1.4	-25.	299.3	25.4	6.2	24.6	318.4	327.4	0.8	35.5	19.7	24.
19.6	5 .5	5782.6	633.1	-12.5	-25.2	299.0	25.9	8.4	24.5	319.9	328.9	0.3	8.6	21.4	23.
2 .6	61.6	6135.4	675.3	-12.3	-30.3	298.5	26.7	10.2	24.7	322.7	329.0	0.2	21.3	23.1	23.
21.7	64.9	6486.3	659.0	-15.7	-27.2	299.6	27.2	11.7	24.5	323.5	326.4	0.8	34.0	24.9	23.
23.0	67.1	6834.6	643.0	-19.5	-27.3	299.1	32.4	15.3	24.6	324.3	327.3	1.0	51.2	27.0	24.
24.4	71.7	7181.6	627.0	-23.5	-27.3	298.7	33.1	19.9	26.0	324.4	327.9	1.0	70.4	29.8	24.
2 .2	7 .3	7531.0	611.0	-23.7	-27.7	301.2	30.5	23.7	17.1	329.2	331.8	1.0	79.2	32.6	26.
27.5	73.9	7879.1	595.0	-28.6	-31.1	297.1	23.9	24.3	1 .7	330.2	333.1	0.8	77.5	35.2	29.
29.3	80.4	8227.3	579.0	-32.6	-35.3	299.6	28.2	24.1	14.7	331.7	333.8	0.6	77.3	37.7	31.
31.2	87.4	8576.1	563.0	-37.3	-40.4	296.3	26.0	21.6	14.4	332.8	334.1	0.4	72.6	40.5	33.
33.3	91.3	8927.6	547.0	-42.0	-99.9	296.4	25.0	19.3	16.0	334.5	999.9	99.9	999.9	43.1	34.
35.5	94.4	9273.5	531.0	-47.6	-99.9	299.1	25.5	18.1	18.0	335.3	999.9	99.9	999.9	46.7	35.
37.2	100.1	9624.7	515.0	-53.9	-99.9	299.0	26.6	20.1	17.4	335.9	999.9	99.9	999.9	50.4	36.
40.7	109.3	9983.8	499.0	-61.5	-99.9	298.3	27.3	21.4	17.0	337.1	999.9	99.9	999.9	54.8	37.
43.6	111.6	10345.6	483.0	-66.5	-99.9	297.7	29.7	22.1	19.9	340.	999.9	99.9	999.9	59.3	38.
47.9	119.5	10707.4	467.0	-65.7	-99.9	299.1	32.2	23.5	26.2	344.1	999.9	99.9	999.9	64.7	39.
51.3	123.0	11067.0	451.0	-69.6	-99.9	299.0	27.9	21.0	18.3	349.2	999.9	99.9	999.9	74.4	40.
56.3	132.3	11410.1	435.0	-68.1	-99.9	299.4	19.5	13.9	13.7	409.6	999.9	99.9	999.9	81.5	40.
62.9	134.3	11733.5	419.0	-59.9	-99.9	299.4	12.9	10.0	2.2	9.8	447.3	999.9	99.9	999.9	86.5	40.
71.4	138.3	12036.3	403.0	-57.1	-99.9	299.2	327.0	5.7	3.1	-4.8	538.9	999.9	99.9	999.9	88.2	40.
80.9	140.0	12318.0	387.0	-52.0	-99.9	299.4	356.4	7.3	0.4	-7.2	635.1	999.9	99.9	999.9	85.7	40.

* HY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* HY TEMP MEANS TEMPERATURE OR TIME MAY HAVE BEEN INTERPOLATED
** HY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469
DENVER, COLORADO

9 MAY 1979
1105 GMT

144 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	23.6	1611.0	829.3	-0.6	-2.2	350.0	4.1	0.7	-4.0	287.5	298.1	3.9	89.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
1.1	24.9	1652.5	825.0	-1.4	-2.4	358.3	5.5	0.2	-5.5	287.1	297.6	3.9	93.3	0.2	172.
1.8	26.5	1997.1	800.3	-3.4	-3.4	0.4	4.9	-0.0	-4.9	287.6	297.6	3.7	100.1	0.3	174.
1.6	29.1	2147.8	775.0	-4.7	-4.8	359.7	3.5	0.0	-3.5	288.7	299.2	3.5	99.9	0.5	178.
2.5	31.6	2405.5	750.0	-6.3	-6.4	338.1	3.7	1.4	-3.5	289.7	298.5	3.2	99.6	0.6	176.
3.3	34.2	2670.7	725.0	-6.3	-6.4	327.8	2.3	1.2	-1.9	292.5	301.6	3.3	99.6	0.8	171.
4.1	36.9	2945.4	700.0	-6.8	-6.8	219.6	3.1	2.0	2.4	295.0	304.2	3.3	99.6	0.8	170.
5.1	39.7	3239.3	675.0	-8.1	-7.9	212.8	9.7	5.2	8.1	298.8	307.8	3.1	87.9	0.6	144.
6.1	42.4	3525.0	650.0	-8.0	-18.0	217.2	14.0	8.4	11.1	299.9	304.3	1.4	44.6	0.8	82.
7.1	45.3	3829.5	625.0	-10.1	-20.1	223.5	17.0	11.7	12.4	300.9	304.6	1.2	42.8	1.6	53.
8.0	48.1	4142.3	600.0	-11.5	-16.7	221.0	19.1	12.5	14.4	302.8	308.0	1.7	65.6	2.7	53.
9.0	51.1	4467.6	575.3	-13.5	-17.5	219.9	19.7	11.6	16.0	304.2	309.3	1.7	71.6	3.8	49.
10.1	54.1	4804.7	550.0	-15.3	-16.7	205.7	20.9	9.1	18.8	306.0	311.7	1.9	89.1	5.1	44.
11.4	57.1	5154.9	525.0	-17.8	-18.6	200.4	23.8	8.3	22.3	307.1	312.2	1.7	93.4	6.7	38.
12.8	60.4	5518.3	500.0	-20.7	-23.2	201.3	26.3	9.6	24.5	307.8	311.5	1.2	80.4	8.1	35.
13.6	63.6	5895.3	475.0	-24.0	-30.7	201.3	27.6	10.0	25.7	308.3	310.3	0.6	53.9	10.0	33.
14.6	66.9	6287.7	450.0	-27.0	-36.5	200.4	31.6	11.0	29.6	309.3	310.5	0.4	39.8	12.3	30.
16.3	70.3	6697.8	425.0	-29.7	-50.7	201.4	37.8	13.8	35.2	311.0	311.3	0.1	10.8	15.1	28.
17.7	73.9	7127.7	400.0	-32.2	-52.0	206.3	47.4	21.0	42.5	313.1	313.4	0.1	11.9	18.4	28.
19.4	77.5	7582.5	375.0	-32.7	-54.1	205.9	56.3	24.5	50.6	318.3	318.5	0.1	10.4	23.9	28.
21.3	81.3	8067.1	350.0	-34.7	-55.9	201.9	68.7	25.7	63.7	322.0	322.2	0.1	9.4	31.2	27.
23.3	85.3	8580.4	325.0	-35.6	-65.7	198.7	65.4*	21.0	62.0	323.5	323.6	0.0	3.8	39.3	25.
25.4	89.4	9125.2	300.0	-42.4	99.9	199.8	62.4*	21.1	58.8	325.6	999.9	99.9	999.9	47.2	24.
27.7	93.9	9709.0	275.0	-46.0	99.9	199.1	61.7*	20.2	58.2	328.6	999.9	99.9	999.9	55.9	24.
29.8	98.4	10336.9	250.0	-50.3	99.9	199.4	68.8*	22.9	64.8	331.3	999.9	99.9	999.9	63.7	23.
32.8	103.4	11017.0	225.0	-55.2	99.9	203.2	54.0*	21.2	49.6	333.9	999.9	99.9	999.9	72.1	23.
35.0	109.6	11763.6	200.0	-58.5	99.9	199.5	54.3*	18.1	51.2	340.1	999.9	99.9	999.9	81.2	23.
39.1	114.3	12607.6	175.0	-52.5	99.9	215.9	42.7*	25.0	34.5	363.2	999.9	99.9	999.9	91.5	23.
41.8	120.5	13609.1	150.0	-52.1	99.9	207.8	37.1*	17.3	32.8	380.4	999.9	99.9	999.9	97.8	24.
46.4	127.3	14794.5	125.0	-52.7	99.9	206.9	29.5*	13.3	26.3	399.5	999.9	99.9	999.9	108.1	23.
51.5	134.7	16213.7	100.0	-54.7	99.9	223.7	20.4*	14.1	14.8	422.0	999.9	99.9	999.9	114.7	24.
58.3	143.0	18046.6	75.0	-56.1	99.9	188.2	26.4*	3.5	26.2	455.4	999.9	99.9	999.9	120.8	24.
67.9	152.3	20639.7	50.0	-54.3	99.9	313.3	8.1*	5.9	-5.6	515.5	999.9	99.9	999.9	122.1	24.
80.7	161.7	25167.3	25.0	-50.7	99.9	999.9	99.9*	99.9	99.9	639.4	999.9	99.9	999.9	131.4	25.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469
DENVER, COLORADO

9 MAY 1979
1405 GMT

146 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE FT	AZ DG
0.0	23.1	1611.0	830.3	-0.6	-2.4	20.0	4.1	-1.4	-3.9	287.4	297.6	3.8	85.0	0.0	0.
0.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	23.6	1662.3	825.0	-1.2	-2.8	16.2	5.6	-1.6	-5.4	287.3	297.5	3.8	89.3	0.1	259.
0.0	24.1	1706.8	800.0	-3.4	-3.4	19.4	5.6	-1.9	-5.3	287.5	297.5	3.7	99.9	0.4	187.
0.0	24.9	2157.9	775.0	-4.4	-4.4	19.2	3.7	-1.2	-3.5	289.1	298.9	3.6	99.7	0.6	195.
0.0	31.4	2413.7	750.0	-6.2	-6.2	346.1	3.0	0.7	-2.9	289.9	298.7	3.2	100.0	0.8	193.
0.0	34.3	2680.7	725.0	-6.6	-6.6	326.8	2.9	1.6	-2.5	292.3	301.3	3.2	99.9	1.0	185.
0.0	36.8	2955.5	700.0	-6.4	-6.4	241.1	3.5	3.1	1.7	295.4	304.9	3.4	99.9	1.0	180.
0.1	39.6	3240.0	675.0	-7.0*	99.9	999.9	99.9	99.9	99.9	297.8	999.9	99.9	999.9	0.7	162.
0.0	42.4	3533.3	650.0	-8.6*	99.9	999.9	99.9	99.9	99.9	299.2	999.9	99.9	999.9	999.9	999.
0.0	45.2	3836.4	625.0	-10.2	-20.2	999.9	99.9	99.9	99.9	300.7	304.5	1.2	44.0	999.9	999.
0.0	48.1	4149.7	600.0	-12.3	-25.4	199.7	12.3	4.1	11.6	301.9	304.5	0.8	32.2	3.1	34.
11.2	51.1	4474.1	575.0	-14.1	-23.1	209.9	17.2	8.3	15.3	303.5	306.7	1.0	46.2	4.4	32.
12.6	54.3	4810.3	550.0	-16.6	-22.6	210.8	17.3	8.9	14.9	304.4	307.9	1.1	59.6	5.8	32.
14.2	57.4	5158.1	525.0	-19.2	-26.9	214.5	17.9	10.1	14.7	305.3	307.9	0.8	50.1	7.4	32.
15.6	60.5	5519.2	500.0	-22.1	-29.9	214.7	21.1	12.0	17.3	306.1	308.2	0.6	49.6	9.0	33.
17.2	63.8	5894.5	475.0	-24.4	-33.1	212.6	24.0	12.9	20.2	307.3	308.9	0.5	44.9	11.2	33.
18.4	67.1	6285.4	450.0	-27.6	-35.5	212.4	29.0	15.5	24.5	308.5	309.9	0.4	46.8	13.6	33.
20.4	70.5	6693.1	425.0	-29.4	-44.2	209.9	39.7	19.8	34.5	311.3	312.0	0.2	23.8	16.9	32.
22.2	74.9	7127.2	400.0	-29.7	-46.3	205.3	42.9	23.1	37.6	316.4	316.5	0.1	1.5	22.0	31.
24.1	77.7	7586.9	375.0	-31.1	-58.4	202.0	61.6	23.1	57.2	320.5	320.6	0.0	4.8	28.8	30.
25.1	81.5	8073.3	350.0	-34.0	-54.3	197.5	65.6*	19.7	62.5	323.0	323.1	0.0	8.6	36.7	27.
24.4	85.5	8588.5	325.0	-37.8	99.9	197.2	65.9*	19.5	61.3	324.7	999.9	99.9	999.9	45.6	25.
23.7	89.7	9136.3	300.0	-41.5	99.9	197.6	64.4*	19.5	61.4	326.4	999.9	99.9	999.9	53.9	24.
23.3	94.0	9721.4	275.0	-45.8	99.9	195.6	67.6*	18.2	65.1	328.9	999.9	99.9	999.9	64.0	23.
24.1	99.5	10348.9	250.0	-51.1	99.9	195.8	70.0**	19.0	67.4	331.1	999.9	99.9	999.9	75.4	22.
24.9	103.4	11028.2	225.0	-54.6	99.9	202.0	62.6**	23.5	58.1	334.9	999.9	99.9	999.9	86.2	21.
42.1	108.6	11778.2	200.0	-56.9	99.9	205.7	60.2**	26.1	54.2	342.7	999.9	99.9	999.9	96.8	21.
46.0	114.4	12633.0	175.0	-51.5	99.9	228.6	34.9**	26.2	23.1	364.9	999.9	99.9	999.9	107.7	22.
53.2	120.5	13637.1	150.0	-50.7	99.9	206.1	43.3**	19.1	38.9	382.8	999.9	99.9	999.9	115.4	23.
55.2	127.0	14817.7	125.0	-52.9	99.9	154.0	39.0**	-17.1	35.1	399.3	999.9	99.9	999.9	129.4	22.
61.1	134.7	16250.3	100.0	-52.9	99.9	194.1	22.9**	5.6	22.2	425.5	999.9	99.9	999.9	131.6	22.
68.9	143.3	18093.3	75.0	-52.9	99.9	267.7	19.5*	19.5	0.8	462.0	999.9	99.9	999.9	137.8	22.
79.1	153.3	20698.3	50.0	-53.7	99.9	231.3	12.8*	10.0	8.0	517.1	999.9	99.9	999.9	141.2	22.
98.6	164.0	25208.6	25.0	-46.6	99.9	217.9	10.1*	11.7	15.1	650.8	999.9	99.9	999.9	143.6	23.

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STATION NO. 469
DENVER, COLORADO

9 MAY 1979
1705 GMT

135 41. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	21.7	1611.3	830.9	0.6	-2.8	340.0	4.1	1.4	-3.9	288.7	298.8	3.8	78.8	0.0	0.
99.9	99.9	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	22.3	1668.2	825.0	-0.6	-3.7	333.4	4.4	2.0	-3.9	287.9	297.5	3.5	80.4	0.1	157.
1.0	24.9	1912.7	800.0	-3.7	-5.9	338.4	4.7	1.7	-4.4	287.2	296.9	3.6	90.8	0.2	155.
2.0	27.4	2163.1	775.0	-5.5	-5.6	341.5	5.8	1.8	-5.5	287.9	296.7	3.3	94.8	0.5	159.
2.9	30.0	2419.9	750.0	-6.6	-6.9	341.7	5.5	1.7	-5.2	289.4	297.8	3.1	98.4	0.9	159.
3.9	32.7	2684.9	725.0	-7.2	-7.3	343.5	2.0	0.6	-1.9	291.5	300.0	3.0	99.5	1.1	162.
4.9	35.3	2955.9	700.0	-7.0	-7.1	234.8	3.2	2.6	1.9	294.7	303.7	3.2	99.5	1.1	171.
5.8	38.1	3243.2	675.0	-6.3	-11.0	206.0	9.1	4.0	8.2	298.6	305.8	2.5	69.7	0.9	140.
7.1	41.9	3537.1	650.0	-8.5	-18.2	197.8	11.6	3.6	11.1	299.3	303.6	1.4	45.3	0.9	86.
8.2	43.8	3840.4	625.0	-10.2	-15.7	192.7	11.7	2.6	11.4	300.8	306.3	1.8	64.8	1.4	52.
9.2	46.6	4154.2	600.0	-11.2	-34.0	193.2	11.6	2.6	11.3	303.2	306.4	0.4	23.1	2.0	38.
10.4	49.6	4479.5	575.0	-13.5	-37.9	198.3	11.8	3.7	11.2	304.2	305.1	0.2	10.8	2.8	32.
11.6	52.6	4815.9	550.0	-16.4	-31.2	201.0	12.7	4.5	11.9	304.6	306.3	0.5	27.4	3.8	29.
13.0	55.8	5163.7	525.0	-19.3	-28.9	206.9	14.7	6.7	13.1	305.3	307.4	0.7	41.8	4.7	28.
14.2	58.9	5524.7	500.0	-21.9	-30.9	210.7	17.0	8.7	14.6	306.3	308.2	0.6	43.6	5.9	28.
15.6	62.1	5900.2	475.0	-24.6	-31.1	204.4	22.5	9.3	20.5	307.5	309.5	0.6	56.4	7.5	28.
16.9	65.5	6292.4	450.0	-27.1	-31.5	199.0	29.2	9.5	27.6	309.2	311.2	0.6	65.5	9.5	27.
18.4	69.0	6701.6	425.0	-30.1	-36.7	200.1	33.1	11.4	31.1	310.5	311.8	0.4	52.3	12.2	25.
19.8	72.6	7133.6	400.0	-33.2	-39.1	200.4	37.1	12.9	34.8	311.8	312.9	0.3	55.6	15.1	24.
21.2	76.2	7580.7	375.0	-36.5	-41.5	201.4	43.9	16.0	40.9	313.3	314.2	0.3	59.7	18.6	23.
22.7	80.0	8059.1	350.0	-38.6	-73.5	201.3	48.9	22.1	56.7	319.4	319.4	0.0	1.0	23.1	23.
24.7	84.0	8[illegible]	325.3	-39.3	-75.3	196.8	66.0	21.3	62.4	322.5	322.5	0.0	1.0	31.9	22.
26.7	88.2	9[illegible]	300.0	-43.1	99.9	195.5	66.8*	17.8	64.4	324.8	999.9	99.9	999.9	38.8	21.
28.9	92.5	9696.5	275.0	-45.4	99.9	194.2	63.6*	15.8	61.6	329.5	999.9	99.9	999.9	47.6	20.
31.2	97.2	10326.2	250.0	-49.7	99.9	198.6	58.2*	18.5	55.2	332.2	999.9	99.9	999.9	56.1	19.
33.5	102.0	11008.9	225.0	-53.8	99.9	197.6	55.1*	17.6	55.3	336.1	999.9	99.9	999.9	63.5	19.
36.1	107.3	11787.1	200.0	-52.0	99.9	198.9	53.3*	17.2	50.4	350.4	999.9	99.9	999.9	72.3	19.
39.1	113.0	12629.2	175.0	-51.3	99.9	210.5	45.1*	22.9	38.9	365.2	999.9	99.9	999.9	81.6	20.
42.5	[illegible]	13634.[illegible]	150.0	-51.1	99.9	212.1	25.5*	13.6	21.6	382.0	999.9	99.9	999.9	88.1	21.
46.4	[illegible]	14810.7	125.0	-50.0	99.9	193.8	28.8**	6.7	27.2	397.3	999.9	99.9	999.9	92.6	21.
50.9	[illegible]	16243.7	100.0	-50.2	99.9	195.5	19.1**	5.1	18.4	419.2	999.9	99.9	999.9	99.6	21.
56.8	142.0	18080.1	75.0	-51.9	99.9	192.0	15.2**	3.2	14.9	464.1	999.9	99.9	999.9	105.3	20.
64.5	151.3	20686.9	50.0	-52.4	99.9	148.0	3.1**	-2.8	2.3	520.1	999.9	99.9	999.9	109.1	20.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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STATION NO. 469
DENVER, COLORADO

9 MAY 1979
2085 GMT

65 281. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	21.7	1611.9	830.6	1.7	-2.2	10.0	4.1	-0.7	-4.0	289.8	300.5	3.9	75.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	22.2	1665.4	825.0	-0.6	-2.6	16.3	4.1	-1.1	-3.9	298.2	298.5	3.8	85.1	0.2	212.
1.3	24.5	1710.8	800.0	-2.8	-2.9	346.1	5.3	1.2	-5.2	288.1	298.6	3.9	97.5	0.4	194.
2.2	24.9	2161.9	775.0	-4.4	-4.4	353.4	5.5	0.8	-5.5	289.1	299.8	3.8	99.9	0.7	182.
3.1	27.2	2420.3	750.0	-5.7	-5.9	2.3	5.9	-0.2	-5.9	290.4	299.5	3.3	99.7	1.0	181.
4.0	31.6	2659.6	725.0	-6.6	-6.6	17.5	3.6	-1.1	-3.4	292.4	301.5	3.3	100.1	1.3	182.
4.9	34.1	2903.5	700.0	-6.1	-6.1	180.9	2.4	-2.2	0.8	295.7	305.4	3.5	100.1	1.6	184.
5.8	36.7	3145.5	675.0	-6.6	-6.6	162.8	3.9	-1.2	3.7	298.5	308.3	3.5	99.3	1.2	190.
7.1	34.2	3381.1	650.0	-6.3	-8.8	179.9	5.0	-0.0	5.0	301.9	311.0	3.1	85.2	0.9	196.
8.1	41.9	3606.3	625.0	-9.1	-13.0	999.9	99.9	99.9	99.9	302.1	308.7	2.2	73.0	999.9	999.
9.3	44.4	4151.8	600.0	-10.0*	99.9	999.9	99.9	99.9	99.9	333.9	999.9	99.9	999.9	999.9	999.
10.4	47.1	4447.7	575.0	-12.8*	99.9	999.9	99.9	99.9	99.9	335.0	999.9	99.9	999.9	999.9	999.
11.9	49.9	4925.2	550.0	-15.1*	99.9	999.9	99.9	99.9	99.9	336.2	999.9	99.9	999.9	999.9	999.
13.3	52.7	5175.7	525.0	-17.1	-21.9	999.9	99.9	99.9	99.9	307.9	311.9	1.3	66.1	999.9	999.
14.7	55.6	5430.	500.0	-19.3	-23.5	148.7	23.3	5.9	22.5	309.5	313.3	1.1	69.5	6.0	23.
16.3	51.5	5320.2	475.0	-21.9	-26.5	169.8	26.9	4.6	26.5	310.9	313.8	0.9	66.1	5.0	20.
17.3	61.6	6315.4	450.0	-24.9	-27.9	192.4	30.3	6.5	29.6	311.9	314.2	0.7	63.0	13.2	18.
18.4	64.7	6729.0	425.0	-27.9	-32.7	192.2	32.6	6.9	31.8	313.3	315.2	0.6	63.5	12.9	17.
20.1	67.9	7161.5	400.0	-31.3	-36.3	191.2	35.9	7.0	35.2	314.6	315.9	0.4	62.6	15.9	16.
21.7	71.3	7615.4	375.3	-35.1	-41.3	191.9	40.3	8.3	39.4	315.2	316.1	0.3	59.2	19.2	15.
23.6	74.7	8092.4	350.0	-39.3	-49.9	194.4	45.5	11.6	44.0	315.7	999.9	99.9	999.9	23.7	15.
25.2	79.3	8598.7	325.0	-44.0	99.9	199.1	53.8	17.6	50.8	316.0	999.9	99.9	999.9	25.9	15.
27.0	82.9	9130.2	300.0	-46.7	99.9	999.9	99.9	99.9	99.9	322.3	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469
DENVER, COLORADO

9 MAY 1979
2305 GMT

167 16. 0

TIME MIN	CNTET	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.7	1611.3	831.6	1.1	-1.6	360.0	5.1	0.0	-5.1	289.1	300.2	4.1	82.0	0.3	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	23.3	1575.0	825.0	-0.2	-2.3	6.8	5.6	-0.4	-5.3	298.4	298.9	3.9	85.8	0.3	144.
1.2	23.9	1720.6	800.0	-2.2	-2.5	5.7	5.4	-0.5	-5.4	298.9	299.7	4.0	97.7	0.5	185.
2.3	24.4	2172.6	775.0	-3.7	-4.1	20.3	6.2	-1.5	-5.9	297.8	299.8	3.7	97.5	0.8	187.
3.4	31.1	2433.5	750.0	-5.6	-5.9	30.2	5.9	-3.0	-5.1	298.5	299.5	3.3	98.3	1.1	193.
4.3	33.7	2696.5	725.0	-6.9	-7.2	25.5	6.8	-4.0	-5.6	299.9	300.8	3.1	98.1	1.4	197.
5.3	36.4	2959.6	700.0	-8.6	-8.9	52.7	5.6	-4.4	-3.4	299.9	300.8	2.8	97.8	1.8	203.
6.2	39.1	3251.3	675.0	-9.0	-9.3	101.7	4.5	-4.4	0.9	295.6	303.6	2.8	97.7	2.0	208.
7.2	42.3	3544.4	650.0	-7.7	-8.0	148.1	8.2	-4.3	7.0	300.3	309.6	3.2	97.9	1.9	217.
8.1	44.8	3848.7	625.0	-8.3	-8.6	166.5	13.2	-3.1	12.8	303.8	312.3	3.2	97.8	1.7	235.
9.2	47.8	4166.4	600.0	-9.7	-10.1	181.1	16.4	0.3	16.4	304.9	313.6	3.0	97.6	1.5	270.
10.1	50.7	4494.2	575.0	-11.8	-12.2	192.7	20.1	4.4	19.8	306.2	313.9	2.6	96.5	1.6	306.
11.2	53.7	4833.1	550.0	-14.6	-15.7	201.2	24.1	8.7	22.4	306.8	313.8	2.0	90.9	2.6	340.
12.5	56.8	5184.5	525.0	-16.7	-18.1	208.0	28.1	11.8	25.9	308.4	313.5	1.8	88.9	4.3	359.
13.9	60.0	5552.0	500.0	-18.5	-20.7	196.2	28.4	7.9	27.2	310.4	315.1	1.5	83.3	8.6	7.
15.1	63.1	5930.6	475.0	-21.4	-23.9	189.7	24.8	4.2	24.5	311.5	315.2	1.2	80.3	8.4	8.
16.3	66.6	6327.1	450.0	-24.4	-26.8	184.4	25.1	1.9	25.1	312.6	315.7	0.9	79.7	10.2	8.
17.5	70.0	6741.3	425.0	-27.1	-29.8	181.4	29.0	0.7	29.0	314.3	316.8	0.8	77.6	12.1	7.
18.9	73.6	7179.4	400.0	-29.6	-32.5	181.4	31.1	0.7	31.1	316.3	318.6	0.6	76.1	14.6	6.
20.4	77.3	7633.1	375.0	-33.5	-36.7	181.1	34.8	0.7	34.7	317.3	318.8	0.4	72.4	17.6	5.
21.9	81.0	8113.4	350.0	-37.5	-41.5	181.6	36.9	1.0	36.9	318.2	319.2	0.3	65.8	20.9	5.
23.6	85.0	8620.1	325.0	-42.1	99.9	184.7	42.2	3.4	42.1	318.6	999.9	99.9	999.9	24.3	4.
25.0	89.2	9156.8	300.0	-46.8	99.9	191.5	49.8	10.0	48.8	319.3	999.9	99.9	999.9	28.5	5.
26.6	93.5	9739.3	275.0	-48.1	99.9	197.1	61.6	18.1	58.9	325.5	999.9	99.9	999.9	35.1	7.
29.2	98.2	10356.2	250.0	-51.5	99.9	198.5	65.4	20.8	62.1	329.8	999.9	99.9	999.9	43.7	9.
31.0	103.0	11034.9	225.0	-52.6	99.9	201.2	55.20	20.0	51.5	337.9	999.9	99.9	999.9	53.6	11.
30.9	109.2	11 797.5	200.0	-52.9	99.9	204.8	48.60	19.7	44.4	349.0	999.9	99.9	999.9	62.8	13.
39.1	113.8	12664.5	175.0	-51.2	99.9	212.5	41.99	22.5	35.4	365.4	999.9	99.9	999.9	71.6	14.
41.5	119.9	13666.0	150.0	-50.8	99.9	243.3	32.40	17.8	27.1	382.8	999.9	99.9	999.9	78.7	17.
45.7	126.7	14849.7	125.0	-53.3	99.9	194.4	23.89	6.0	23.2	398.6	999.9	99.9	999.9	84.2	17.
51.0	134.3	16296.6	100.0	-50.8	99.9	208.8	18.09	8.7	15.8	429.5	999.9	99.9	999.9	91.3	17.
57.3	143.8	18138.9	75.0	-54.1	99.9	174.3	9.89	-1.0	9.8	459.4	999.9	99.9	999.9	96.5	18.
65.9	153.8	20734.6	50.0	-54.1	99.9	186.5	5.7	0.6	5.6	515.9	999.9	99.9	999.9	99.8	18.
78.8	164.8	25236.7	25.0	-47.5	99.9	309.5	8.4	6.5	-5.3	648.1	999.9	99.9	999.9	100.2	19.

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STATION NO. 469
DENVER, COLORADO

10 MAY 1979
205 GMT

165 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	21.0	1611.0	833.0	0.0	-3.2	10.0	5.1	-0.9	-5.0	297.8	298.3	3.9	85.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	23.8	1638.3	825.0	-0.70	99.9	999.9	99.9	99.9	99.9	287.8	999.9	99.9	999.9	999.9	999.
1.1	25.6	1732.9	800.0	-3.10	99.9	999.9	99.9	99.9	99.9	287.8	999.9	99.9	999.9	999.9	999.
1.9	27.0	2183.3	775.0	-5.2	-5.7	999.9	99.9	99.9	99.9	288.2	297.1	3.2	95.6	999.9	999.
2.7	31.7	2440.2	750.0	-6.7	-7.1	8.0	6.9	-1.0	-6.8	289.3	297.6	3.0	97.4	1.3	197.
3.5	34.3	2704.4	725.0	-7.9	-8.3	354.0	6.6	1.8	-6.3	290.8	298.7	2.8	97.2	1.8	192.
4.5	37.1	2976.3	700.0	-9.1	-9.6	344.6	7.4	2.0	-7.1	292.4	299.8	2.6	96.0	1.9	186.
5.1	39.9	3257.7	675.0	-10.3	-10.8	2.9	5.9	-0.3	-5.9	294.2	301.3	2.5	95.8	2.3	184.
6.1	42.7	3547.2	650.0	-9.0	-9.4	172.3	5.1	-4.3	2.7	298.8	307.2	2.9	97.1	2.4	176.
7.3	45.5	3843.3	625.0	-3.2	-4.7	999.9	99.9	99.9	99.9	301.9	310.5	2.9	96.5	999.9	999.
8.0	48.4	4153.7	600.0	-10.50	99.9	999.9	99.9	99.9	99.9	304.0	999.9	99.9	999.9	999.9	999.
9.3	51.5	4474.1	575.0	-13.20	99.9	999.9	99.9	99.9	99.9	304.6	999.9	99.9	999.9	999.9	999.
10.0	54.5	4811.3	550.0	-15.80	99.9	999.9	99.9	99.9	99.9	305.3	999.9	99.9	999.9	999.9	999.
11.1	57.6	5180.5	525.0	-19.3	-23.3	999.9	99.9	99.9	99.9	306.4	310.9	1.4	81.8	99.9	999.
12.2	60.9	5563.2	500.0	-20.8	-22.6	999.9	99.9	99.9	99.9	307.7	311.5	1.2	85.5	999.9	999.
13.5	64.1	5921.7	475.0	-22.7	-24.4	182.1	24.3	0.9	24.3	309.9	313.4	1.1	85.9	5.9	20.
15.0	67.5	6316.4	450.0	-25.1	-28.5	196.2	35.3	3.8	35.1	311.7	314.3	0.9	73.4	8.4	15.
16.1	71.0	6728.7	425.0	-28.4	-31.9	187.1	44.1	5.5	43.8	312.6	314.6	0.6	71.7	11.0	13.
17.2	74.5	7162.3	400.0	-30.4	-33.8	183.6	46.5	2.9	46.4	315.5	317.3	0.5	71.5	14.2	12.
18.9	78.2	7617.3	375.0	-34.4	-38.1	177.5	46.7	-2.8	46.6	316.0	317.3	0.4	68.9	19.4	9.
20.3	82.0	8095.7	350.0	-38.3	-42.5	175.9	48.9	-3.5	48.8	317.1	318.0	0.3	64.1	22.6	8.
21.6	85.9	8600.5	325.0	-43.0	99.9	140.1	52.8	0.1	52.8	317.5	999.9	99.9	999.9	26.5	5.
23.5	90.2	9135.0	300.0	-46.5	99.9	189.4	56.4	9.2	55.6	319.8	999.9	99.9	999.9	32.3	5.
25.8	94.5	9710.5	275.0	-44.2	99.9	193.8	56.9	13.6	55.3	325.4	999.9	99.9	999.9	40.3	7.
27.2	99.2	10335.2	250.0	-50.6	99.9	195.4	56.30	15.0	54.2	330.9	999.9	99.9	999.9	46.8	8.
29.8	104.0	11023.9	225.0	-50.0	99.9	199.3	52.50	17.4	49.6	342.0	999.9	99.9	999.9	57.1	9.
33.4	109.2	11791.7	200.0	-51.8	99.9	202.5	45.40	17.4	41.9	350.8	999.9	99.9	999.9	64.7	11.
36.5	114.8	12651.7	175.0	-54.5	99.9	211.0	33.10	17.1	28.4	360.0	999.9	99.9	999.9	71.8	12.
40.4	121.0	13604.1	150.0	-51.5	99.9	214.0	28.00	16.0	23.7	361.4	999.9	99.9	999.9	78.0	14.
45.2	127.7	14929.1	125.0	-54.0	99.9	190.7	22.10	4.1	21.7	3[illegible].3	999.9	99.9	999.9	85.5	15.
50.7	135.0	16262.2	100.0	-56.3	99.9	213.3	20.50	11.2	17.1	418.9	999.9	99.9	999.9	92.4	14.
57.5	143.7	19386.8	75.0	-56.4	99.9	199.8	7.00	2.4	6.6	454.8	999.9	99.9	999.9	98.8	15.
66.9	153.3	20668.2	50.0	-55.8	99.9	283.7	5.7	5.5	-1.3	512.0	999.9	99.9	999.9	98.2	15.
81.6	163.5	25136.4	25.0	-51.2	99.9	262.2	9.6	9.[illegible]	1.3	637.8	999.9	99.9	999.9	99.8	16.

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STATION NO. 469
DENVER, COLORADO

10 MAY 1979
505 GMT

144 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.8	1611.3	835.0	-0.6	-3.3	350.0	5.1	0.9	-5.0	287.0	296.7	3.6	82.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	23.8	1707.1	825.0	-2.1	-2.6	354.4	4.9	0.5	-4.8	286.4	296.7	3.8	97.2	0.3	169.
1.2	26.3	1951.2	800.0	-3.6	-3.6	346.3	5.3	1.3	-5.1	287.3	297.2	3.7	100.0	0.5	169.
2.2	28.9	2201.7	775.0	-5.2	-5.3	357.6	5.5	0.2	-5.5	288.2	297.3	3.3	99.8	0.8	170.
3.1	31.5	2456.8	750.0	-6.8	-6.8	356.2	5.8	0.4	-5.7	289.3	297.7	3.1	99.6	1.1	172.
3.3	34.1	2722.3	725.0	-8.8	-8.9	353.3	6.7	0.5	-6.6	289.8	297.3	2.7	99.3	1.4	173.
5.9	36.9	2996.2	700.0	-10.5	-10.6	6.5	6.1	-0.5	-6.1	290.8	297.7	2.6	99.0	1.6	172.
6.1	39.6	3274.3	675.0	-11.3	-11.4	31.7	3.5	-1.9	-3.0	293.0	299.8	2.4	98.9	1.9	178.
7.1	42.3	3564.1	650.0	-10.4	-10.7	137.2	3.7	-2.5	2.7	297.2	304.7	2.6	97.9	2.0	180.
8.6	45.2	3866.4	625.0	-10.8	-11.1	206.9	9.6	6.4	8.6	300.1	307.8	2.6	97.8	1.5	173.
9.3	48.1	4179.3	600.0	-12.5	-14.0	213.0	11.7	6.4	9.8	301.6	308.0	2.2	89.8	1.1	151.
10.3	51.1	4503.2	575.0	-14.8	-17.1	208.5	11.9	5.7	10.4	302.7	307.9	1.7	82.5	0.9	108.
11.2	54.1	4838.4	550.0	-17.0	-22.4	211.4	11.2	5.8	9.5	303.9	307.5	1.2	63.1	1.2	78.
12.6	57.1	5185.4	525.0	-19.5	-22.5	213.6	11.1	6.2	9.3	305.0	308.8	1.2	76.9	1.8	62.
14.4	60.4	5547.0	500.0	-22.0	-33.3	200.9	17.0	6.0	15.9	306.2	307.8	0.5	35.1	3.2	46.
16.4	63.6	5922.1	475.0	-25.0	-41.0	200.8	22.5	8.0	21.0	307.0	307.8	0.2	20.8	5.5	35.
18.1	66.9	6312.5	450.0	-28.4	-40.6	194.4	26.3	6.5	25.5	307.6	308.4	0.2	29.7	8.0	30.
20.1	70.3	6719.9	425.0	-31.5	-43.2	187.8	31.7	4.3	31.4	308.7	309.4	0.2	30.2	11.3	24.
21.7	73.9	7147.7	400.0	-32.2	-65.8	175.0	34.2	-3.0	34.0	313.2	313.2	0.0	2.0	14.3	19.
23.4	77.5	7601.1	375.0	-34.8	-72.4	175.4	37.5	-3.0	37.4	315.5	315.5	0.0	1.0	17.5	14.
24.9	81.3	8079.4	350.0	-38.2	-74.6	179.4	38.7	-0.4	38.7	317.2	317.2	0.0	1.0	20.7	11.
27.8	85.2	8586.6	325.0	-40.5	99.9	185.1	42.6	3.8	42.5	320.8	999.9	99.9	999.9	25.4	10.
29.2	89.3	9129.1	300.0	-42.8	99.9	187.3	47.1	6.0	46.7	325.0	999.9	99.9	999.9	31.9	9.
32.3	93.7	9713.4	275.0	-45.1	99.9	188.5	46.7	6.9	46.2	329.9	999.9	99.9	999.9	39.8	9.
34.6	98.2	10346.9	250.0	-46.5	99.9	191.5	49.1*	9.8	48.2	336.9	999.9	99.9	999.9	47.1	9.
37.5	103.0	11043.6	225.0	-48.7	99.9	195.6	56.0*	15.1	53.9	343.9	999.9	99.9	999.9	56.4	10.
40.7	108.2	11813.2	200.0	-50.8	99.9	202.0	45.1*	16.9	41.8	352.3	999.9	99.9	999.9	66.3	11.
44.2	113.8	12680.6	175.0	-52.0	99.9	215.7	31.8*	18.6	25.9	364.0	999.9	99.9	999.9	73.6	13.
48.1	119.8	13679.5	150.0	-51.2	99.9	202.7	21.7*	8.4	20.0	381.9	999.9	99.9	999.9	78.9	15.
52.3	126.5	14959.4	125.0	-54.3	99.9	179.8	32.5*	-0.1	32.5	396.7	999.9	99.9	999.9	85.1	14.
57.6	134.3	16750.4	100.0	-52.4	99.9	222.1	21.1*	14.1	15.6	426.6	999.9	99.9	999.9	94.2	14.
63.6	143.0	18130.6	75.0	-56.0	99.9	201.5	7.0*	2.6	6.5	455.5	999.9	99.9	999.9	97.7	15.
72.7	153.0	20714.5	50.0	-56.8	99.9	239.3	6.3	5.4	3.2	509.6	999.9	99.9	999.9	100.2	15.
86.2	163.5	25201.8	25.0	-48.8	99.9	288.1	10.0	9.5	-3.1	644.5	999.9	99.9	999.9	101.0	17.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469
DENVER, COLORADO

10 MAY 1979
0805 GMT

148 20. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.9	1611.0	835.0	-1.7	-3.9	350.0	4.1	0.7	-4.0	285.8	295.1	3.4	85.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	23.9	1706.7	825.0	-3.2	-3.7	341.9	2.3	0.7	-2.2	285.2	294.6	3.5	96.7	0.2	198.
1.4	26.4	1949.5	800.0	-5.4	-5.5	0.7	4.4	-0.1	-4.4	285.4	294.0	3.2	98.2	0.4	191.
2.4	29.0	2194.3	775.0	-6.5	-6.7	348.8	5.3	1.0	-5.2	286.8	294.9	3.0	98.7	0.7	184.
3.4	31.7	2454.1	750.0	-8.4	-8.7	353.2	6.9	0.8	-6.9	287.5	294.8	2.6	97.3	1.0	179.
4.3	34.3	2710.6	725.0	-9.8	-10.1	356.5	6.4	0.4	-6.4	288.7	295.5	2.5	98.2	1.5	179.
5.4	37.0	2987.2	700.0	-10.6	-10.9	342.1	4.8	1.5	-4.5	290.7	297.5	2.4	98.1	1.8	178.
6.4	39.8	3266.7	675.0	-11.7	-12.3	280.5	2.4	2.3	-0.4	292.5	299.0	2.3	97.9	2.0	176.
7.5	42.6	3555.8	650.0	-11.8	-12.0	199.5	4.7	1.6	4.4	295.7	302.4	2.3	97.9	2.0	174.
8.5	45.4	3856.3	625.0	-12.6	-12.9	228.2	10.1	7.5	6.7	298.1	304.7	2.3	97.3	1.7	161.
9.5	48.4	4166.9	600.0	-14.6	-15.0	236.3	12.0	10.0	6.7	299.3	305.1	2.0	96.4	1.6	132.
10.8	51.6	4490.9	575.0	-16.0	-17.9	246.2	12.7	11.6	5.1	301.3	306.2	1.6	85.0	2.1	109.
12.1	54.8	4822.4	550.0	-18.3	-21.1	250.4	12.2	11.4	4.1	302.3	306.3	1.3	79.0	2.6	96.
13.5	57.5	5168.2	525.0	-20.9	-28.0	246.7	9.9	9.1	3.9	303.3	305.6	0.7	52.5	3.8	90.
14.7	60.6	5527.1	500.0	-23.3	-32.1	230.5	8.4	6.5	5.4	304.6	306.3	0.5	44.0	4.3	86.
15.9	64.0	5900.1	475.0	-26.4	-43.6	219.0	10.9	6.9	8.5	305.3	305.8	0.2	16.0	4.8	81.
17.3	67.3	6288.8	450.0	-29.0	-50.4	213.3	15.1	8.3	12.6	306.8	307.1	0.1	10.5	5.7	73.
18.7	70.9	6694.6	425.0	-32.9	-53.2	198.7	18.4	5.9	17.4	306.9	307.1	0.1	10.9	8.7	64.
19.9	74.4	7119.4	400.0	-35.4	-55.1	186.2	23.8	2.5	23.6	309.0	309.2	0.1	11.2	7.7	55.
21.1	78.1	7566.1	375.0	-38.4	99.9	183.1	25.6	1.4	25.6	310.8	999.9	99.9	999.9	8.9	46.
23.2	82.0	8038.4	350.0	-39.9	99.9	193.0	28.5	6.4	27.8	315.0	999.9	99.9	999.9	11.6	36.
25.3	86.0	8543.9	325.0	-41.3	99.9	197.1	37.0	10.9	35.4	319.8	999.9	99.9	999.9	15.6	31.
27.4	90.2	9085.3	300.0	-42.7	99.9	196.6	41.0	11.7	39.3	325.2	999.9	99.9	999.9	20.4	28.
29.7	94.6	9670.3	275.0	-44.6	99.9	196.4	45.6	12.8	43.7	330.6	999.9	99.9	999.9	26.2	25.
32.0	99.2	10304.5	250.0	-47.1	99.9	200.0	46.9	16.1	44.0	336.0	999.9	99.9	999.9	32.8	24.
34.8	104.2	11031.5	225.0	-47.6	99.9	203.5	46.3	18.5	42.5	345.6	999.9	99.9	999.9	40.8	23.
38.2	109.6	11776.8	200.0	-48.7	99.9	209.1	42.6	20.7	37.2	355.7	999.9	99.9	999.9	49.7	24.
41.3	115.5	12650.4	175.0	-50.2	99.9	216.2	31.8	18.8	25.7	367.0	999.9	99.9	999.9	57.0	25.
45.3	121.8	13655.3	150.0	-50.6	99.9	192.6	22.4	4.9	21.9	[illegible]	999.9	99.9	999.9	62.4	26.
49.0	129.8	14821.9	125.0	-52.5	99.9	187.2	30.0	3.7	29.8	[illegible]	999.9	99.9	999.9	67.3	24.
54.4	138.7	16239.7	100.0	-49.7	99.9	226.8	20.6	15.0	14.1	[illegible]	999.9	99.9	999.9	77.1	24.
61.4	149.0	18100.3	75.0	-54.7	99.9	164.3	7.3	-2.0	7.1	458.1	999.9	99.9	999.9	79.8	25.
70.9	156.3	20676.9	50.0	-54.7	99.9	219.7	4.3	2.7	3.3	514.7	999.9	99.9	999.9	81.7	24.
85.1	166.7	25135.2	25.0	-51.0	99.9	301.9	4.4	3.7	-2.3	638.5	999.9	99.9	999.9	83.5	26.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
# BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 469
DENVER, COLORADO

10 MAY 1979
1105 GMT

146 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	22.7	1611.3	833.0	-1.1	-3.9	18.0	3.1	-0.5	-3.1	286.6	295.8	3.6	81.0	0.0	0.
99.9	99.9	99.9	1300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	875.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	850.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	21.6	1695.5	825.0	-2.7	-3.9	336.2	4.2	1.8	-3.8	285.8	295.1	3.5	91.8	0.1	160.
1.1	21.1	1739.3	800.0	-4.7	-6.3	336.4	4.6	2.0	-4.2	286.2	295.1	3.3	98.3	0.3	156.
2.1	25.6	2188.4	775.0	-5.8	-6.9	343.1	4.9	1.4	-4.7	287.5	295.6	2.9	92.3	0.6	157.
3.1	31.2	2644.7	750.0	-7.6	-8.5	344.2	5.7	1.6	-5.5	288.4	295.8	2.7	92.8	0.9	160.
4.0	33.8	2738.1	725.0	-9.0	-9.5	357.2	6.2	0.3	-6.2	289.6	296.8	2.6	96.5	1.2	162.
5.0	36.5	2979.3	700.0	-10.9	-11.2	12.0	5.7	-1.2	-5.6	290.5	297.0	2.3	97.6	1.5	168.
6.1	39.2	3250.4	675.0	-11.5	-11.9	351.3	3.7	0.6	-3.7	292.8	299.3	2.3	96.8	1.8	172.
7.1	42.0	3547.9	650.0	-12.2	-13.5	277.7	5.7	5.7	-0.8	295.1	301.2	2.1	90.3	2.0	169.
8.1	44.9	3846.9	625.0	-14.2	-14.7	256.5	9.6	9.4	2.2	296.2	301.9	1.9	95.8	2.0	156.
9.1	47.7	4152.4	600.0	-14.3	-14.4	261.9	11.5	11.4	1.6	299.9	305.9	2.0	93.9	2.3	136.
10.6	51.6	4574.7	575.0	-15.5	-17.6	264.4	11.5	11.5	0.1	301.8	306.9	1.7	84.2	3.1	122.
11.9	53.6	4811.3	550.0	-17.7	-19.7	266.3	9.1	9.1	0.6	303.2	307.6	1.4	83.6	3.8	115.
13.4	55.4	5150.1	525.0	-20.0	-25.0	258.8	7.1	7.0	1.4	304.3	307.3	0.9	64.2	4.3	110.
14.7	56.9	5419.3	500.0	-22.8	-31.2	252.9	5.9	5.6	1.7	305.3	307.1	0.6	46.0	4.8	107.
16.3	62.1	5923.7	475.0	-26.1	-33.8	250.8	5.8	5.5	1.9	305.7	307.2	0.5	47.9	5.2	103.
17.9	64.4	6242.4	450.0	-28.6	-38.1	254.4	6.1	5.9	1.6	306.1	307.1	0.3	43.2	5.7	101.
19.5	67.9	6637.1	425.0	-33.2	-40.6	260.9	7.2	7.1	1.1	306.5	307.3	0.3	49.0	6.3	98.
21.2	73.4	7139.3	400.0	-37.1	-44.8	253.6	7.8	7.5	2.2	306.8	307.4	0.2	43.7	7.1	96.
22.3	77.1	7452.3	375.0	-41.2	99.9	223.1	10.8	7.4	7.9	307.1	999.9	99.9	999.9	7.9	92.
23.2	80.5	7719.4	350.3	-42.6	99.9	237.7	20.3	9.4	18.0	311.6	999.9	99.9	999.9	8.8	82.
27.6	84.8	8021.7	325.0	-41.8	99.9	234.3	33.5	13.8	30.5	319.1	999.9	99.9	999.9	11.3	67.
29.5	91.3	8352.3	300.0	-43.1	99.9	232.3	40.6	15.4	37.6	324.7	999.9	99.9	999.9	15.2	56.
32.1	93.3	8646.3	275.0	-44.4	99.9	230.5	43.8	18.2	39.8	331.0	999.9	99.9	999.9	21.1	44.
34.9	98.0	10284.1	250.0	-44.9	99.9	227.1	40.8	18.5	36.1	339.3	999.9	99.9	999.9	28.9	40.
37.5	102.8	10485.4	225.0	-47.1	99.9	222.7	35.4	13.6	32.6	346.4	999.9	99.9	999.9	36.8	37.
40.4	109.0	11764.2	200.3	-48.0	99.9	226.8	34.5	15.6	30.8	356.8	999.9	99.9	999.9	41.6	35.
43.3	113.4	12619.8	175.0	-50.5	99.9	212.3	29.4	15.2	24.8	366.6	999.9	99.9	999.9	48.8	34.
46.9	119.9	13583.7	150.3	-51.8	99.9	220.4	21.5	7.5	20.1	380.8	999.9	99.9	999.9	56.2	34.
53.6	126.5	14714.1	125.0	-56.3	99.9	193.1	25.7	8.4	24.3	393.0	999.9	99.9	999.9	60.5	32.
58.1	134.0	16049.5	100.0	-49.8	99.9	277.4	12.5	12.4	-1.6	431.5	999.9	99.9	999.9	67.6	32.
66.2	140.7	19137.7	75.0	-56.3	99.9	191.1	8.7	1.7	8.5	455.0	999.9	99.9	999.9	69.8	31.
77.3	152.5	22702.3	50.0	-54.2	99.9	139.5	4.0	-2.6	3.0	515.9	999.9	99.9	999.9	71.2	31.
93.9	162.5	25150.9	25.0	-50.9	99.9	306.8	6.8	5.5	-4.0	638.4	999.9	99.9	999.9	72.2	32.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
PEORIA, ILLINOIS

9 MAY 1979
1100 GMT

138 49. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.7	200.0	987.1	18.9	16.7	187.0	5.1	0.0	5.1	293.1	324.8	12.2	87.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	93.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	8.8	336.9	975.0	20.3	18.4	196.8	11.8	3.4	11.3	295.6	331.5	13.8	88.9	0.2	5.
1.2	10.9	532.0	950.0	20.1	17.6	210.6	16.5	8.4	14.2	297.8	333.1	13.5	83.8	0.8	18.
1.9	13.1	762.6	925.0	19.4	17.0	222.3	17.4	11.8	12.7	299.1	334.4	13.3	85.2	1.6	28.
2.9	15.4	998.7	900.0	18.2	15.2	234.9	17.1	14.0	9.8	300.3	332.8	12.2	82.4	2.5	36.
3.8	17.5	1240.2	875.0	16.5	13.4	240.7	16.3	14.2	8.0	301.0	330.9	11.1	81.6	3.4	42.
4.6	19.9	1487.1	850.0	15.4	10.5	246.8	13.4	12.3	5.3	302.2	328.0	9.4	72.6	4.1	46.
5.5	22.2	1740.6	825.0	15.2	4.7	265.9	11.0	10.1	4.5	304.7	323.1	6.5	47.6	4.8	49.
6.3	24.5	2000.9	800.0	14.2	-1.8	228.0	10.5	7.8	7.1	306.3	318.5	4.2	33.1	5.2	50.
7.2	26.9	2268.5	775.0	14.5	-16.4	205.8	13.8	4.7	9.7	309.4	313.7	1.4	13.4	5.7	49.
8.2	29.4	2544.9	750.0	13.9	-11.4	196.6	10.9	3.1	10.4	311.6	318.2	2.1	16.3	6.3	46.
9.2	31.9	2829.3	725.0	11.5	-10.4	199.9	11.5	3.9	10.8	312.1	319.4	2.4	20.3	6.9	43.
10.1	33.3	3120.3	700.0	9.1	-11.8	209.9	11.2	5.4	9.8	312.6	319.4	2.2	21.3	7.5	41.
11.3	36.9	3420.4	675.0	7.2	-13.1	219.3	10.6	6.7	8.2	313.7	320.2	2.1	22.0	8.2	41.
12.3	39.5	3729.9	650.0	4.9	-15.1	209.3	8.8	4.3	7.7	314.6	320.3	1.8	21.8	8.9	40.
13.5	42.2	4049.1	625.0	2.3	-17.7	197.3	9.1	2.7	8.7	315.1	320.6	1.5	21.0	9.6	39.
14.6	44.9	4378.2	600.0	-0.1	-21.2	197.6	9.6	2.9	9.1	316.0	319.8	1.2	18.6	10.0	38.
15.7	47.6	4718.3	575.0	-2.9	-26.3	202.8	11.3	4.4	10.5	316.6	319.2	0.8	14.5	10.7	37.
16.9	50.4	5068.3	550.0	-5.0	-32.7	203.6	12.4	5.0	11.4	318.1	319.6	0.4	9.2	11.5	36.
18.1	53.3	5429.2	525.0	-7.9	-33.9	195.2	13.3	3.5	12.8	318.9	320.4	0.4	10.2	12.4	35.
19.4	56.3	5800.3	500.0	-10.9	-37.3	194.4	15.0	4.7	14.2	319.7	320.8	0.3	9.2	13.4	33.
20.7	59.3	6184.3	475.0	-13.6	-41.3	211.4	14.8	7.7	12.6	321.1	321.9	0.2	7.5	14.6	32.
22.0	62.4	6606.8	450.0	-16.5	-43.2	216.6	12.9	7.7	10.4	322.5	323.2	0.2	7.8	15.7	33.
23.4	65.6	7033.2	425.0	-20.5	-45.7	218.3	12.9	8.8	10.2	322.8	323.3	0.1	5.3	16.9	33.
24.8	68.9	7474.7	400.0	-24.1	-47.1	218.0	12.2	7.5	9.6	323.8	324.1	0.1	9.8	17.8	33.
26.3	72.3	7935.7	375.0	-27.8	-50.6	218.9	12.2	7.6	9.5	324.7	325.1	0.1	9.2	19.9	34.
27.9	75.9	8417.5	350.0	-32.0	-52.8	215.8	14.4	8.4	11.7	325.7	326.0	0.1	10.6	20.1	34.
29.6	79.6	8955.4	325.0	-36.4	-55.9	213.2	14.7	8.0	12.3	326.5	326.7	0.1	11.2	21.6	34.
31.3	83.3	9517.3	300.0	-40.5	99.9	216.9	13.8	8.3	11.1	328.3	999.9	99.9	999.9	23.0	34.
33.2	87.3	10[illegible].6	275.0	-44.9	99.9	226.9	13.4	9.8	9.2	330.2	999.9	99.9	999.9	24.6	34.
35.3	91.6	11724.7	250.0	-50.1	99.9	239.5	12.8	11.0	6.5	331.6	999.9	99.9	999.9	26.2	34.
37.4	96.0	11405.2	225.0	-56.9	99.9	229.5	12.3	9.2	8.2	334.4	999.9	99.9	999.9	27.6	37.
39.7	100.9	12151.2	200.0	-59.0	99.9	233.1	14.4	11.5	8.7	339.4	999.9	99.9	999.9	29.3	37.
42.2	106.0	12983.2	175.0	-61.9	99.9	238.1	16.4	14.0	8.7	347.8	999.9	99.9	999.9	31.5	39.
44.9	111.9	13938.0	150.0	-61.8	99.9	229.9	19.6	15.0	12.6	363.7	999.9	99.9	999.9	34.2	40.
47.9	117.9	15067.3	125.0	-62.1	99.9	244.3	18.1	16.3	7.9	382.5	999.9	99.9	999.9	37.8	42.
51.8	124.9	16435.5	100.0	-64.6	99.9	245.2	13.9	12.6	5.8	402.9	999.9	99.9	999.9	41.1	44.
56.5	133.5	18227.3	75.0	-59.3	99.9	262.1	11.9	10.5	5.6	448.5	999.9	99.9	999.9	44.4	45.
62.3	143.5	20797.5	50.0	-56.5	99.9	999.9	99.9	99.9	99.9	510.4	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
PEORIA, ILLINOIS

9 MAY 1979
1405 GMT

157 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	7.9	200.0	987.8	22.8	16.8	180.0	6.2	0.0	6.2	297.0	329.4	12.3	69.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.6	9.1	313.8	975.0	21.1	18.6	193.4	8.9	2.1	8.6	296.4	333.0	14.8	85.5	0.3	1.
1.2	11.4	539.1	950.0	20.1	18.3	205.4	10.2	4.4	9.2	297.5	334.5	14.1	89.4	0.8	9.
2.3	13.7	769.9	925.0	20.1	16.8	221.7	13.0	8.8	9.7	299.8	334.9	13.2	81.7	1.2	22.
2.8	16.1	1006.6	900.0	19.0	14.7	226.5	13.8	9.1	10.3	301.1	332.8	11.8	76.3	1.8	33.
3.4	18.5	1243.7	875.0	17.2	13.9	227.6	10.6	7.8	7.1	301.7	332.8	11.6	80.9	2.5	36.
4.8	21.0	1485.8	850.0	15.0	12.5	222.3	10.3	7.0	7.6	301.9	331.1	10.8	85.1	3.	38.
5.7	23.5	1734.6	825.0	13.6	3.3	208.3	9.2	4.4	8.1	303.0	327.5	9.0	75.0	3.6	37.
6.7	26.0	2307.2	800.0	14.8	-7.6	185.6	10.3	1.0	10.3	306.9	315.0	2.7	23.6	4.2	34.
7.7	28.5	2277.1	775.0	16.3	-17.8	177.4	11.4	-0.5	11.4	311.3	315.2	1.2	9.2	4.7	29.
8.7	31.1	2554.6	750.0	14.5	-16.3	185.9	12.0	1.2	11.9	312.4	316.9	1.4	10.3	5.4	25.
9.8	33.7	2839.5	725.0	12.3	-16.8	198.2	10.1	3.2	9.6	313.0	317.5	1.4	11.4	6.1	24.
10.8	36.3	3132.3	700.0	10.7	-14.1	213.7	8.6	4.8	7.1	314.3	320.1	1.8	15.0	6.7	24.
12.0	39.0	3433.6	675.0	8.2	-15.9	209.7	7.5	3.7	6.5	314.9	320.0	1.6	16.2	7.2	25.
13.1	41.8	3743.4	650.0	5.2	-16.6	201.9	7.9	3.0	7.3	314.9	320.0	1.6	18.9	7.7	25.
14.2	44.6	4061.8	625.0	2.3	-19.7	201.4	8.6	3.1	8.0	315.1	319.2	1.3	17.7	8.2	25.
15.4	47.4	4389.7	600.0	-0.4	-22.5	206.4	8.7	3.8	7.8	315.7	319.1	1.0	15.9	8.9	25.
16.5	50.3	4729.6	575.0	-2.4	-25.7	223.3	8.8	6.0	6.4	317.2	320.0	0.8	14.8	9.4	25.
17.8	53.3	5079.3	550.0	-5.2	-32.7	225.5	10.0	7.1	7.0	318.0	319.5	0.4	6.3	10.1	27.
19.2	56.3	5442.5	525.0	-8.0	-37.3	219.7	11.7	8.9	10.0	318.8	319.9	0.3	7.3	11.0	28.
20.5	59.4	5819.4	500.0	-11.0	-39.1	200.9	12.2	4.4	11.4	319.7	320.6	0.3	7.6	12.0	27.
22.1	62.6	6211.3	475.0	-14.2	-41.2	205.8	11.8	5.1	10.6	320.4	321.2	0.2	8.9	13.1	27.
23.6	65.9	6618.7	450.0	-15.9	-42.9	211.8	10.0	5.3	8.5	322.0	322.7	0.2	9.3	14.1	27.
25.2	69.3	7043.2	425.0	-19.9	-44.9	210.3	10.3	5.2	8.9	323.4	324.0	0.2	9.7	15.0	27.
26.9	72.7	7491.9	400.0	-23.3	-47.2	212.4	11.3	6.0	9.6	324.7	325.2	0.1	9.1	16.3	28.
28.6	76.3	7963.4	375.0	-27.5	-50.9	212.5	10.9	5.8	9.2	325.2	325.6	0.1	9.5	17.1	28.
30.0	80.0	8451.9	350.0	-32.1	-53.3	216.4	12.1	7.2	9.8	325.5	325.8	0.1	10.1	18.2	28.
31.9	84.0	9070.6	325.0	-38.4	-56.3	214.3	13.6	7.6	11.2	326.5	326.8	0.1	10.6	19.6	29.
33.4	89.0	9529.4	300.0	-40.5	99.9	215.4	11.7	6.8	9.6	328.3	999.9	99.9	999.9	21.1	29.
35.9	92.2	10108.5	275.0	-44.8	99.9	226.9	10.6	7.7	7.3	330.4	999.9	99.9	999.9	22.4	30.
38.0	96.7	10739.8	250.0	-49.3	99.9	229.4	9.9	7.5	6.4	332.8	999.9	99.9	999.9	23.7	31.
40.2	101.4	11422.8	225.0	-54.0	99.9	223.2	10.0	6.9	7.3	335.8	999.9	99.9	999.9	24.9	32.
42.6	106.5	12172.1	200.0	-57.9	99.9	233.2	13.4	10.7	8.0	341.0	999.9	99.9	999.9	26.5	33.
45.5	112.0	13005.4	175.0	-62.0	99.9	231.6	15.0	11.8	9.3	347.7	999.9	99.9	999.9	28.9	35.
48.8	118.9	13958.2	150.0	-61.8	99.9	225.1	19.8	14.1	14.0	363.7	999.9	99.9	999.9	31.9	36.
52.5	124.7	15085.5	125.0	-61.9	99.9	238.0	18.2	13.7	8.6	382.9	999.9	99.9	999.9	36.2	38.
57.0	132.0	16453.3	100.0	-65.0	99.9	235.4	14.5	12.0	8.3	402.1	999.9	99.9	999.9	39.7	39.
62.6	140.0	18232.9	75.0	-58.5	99.9	248.9	11.2	10.4	4.0	650.2	999.9	99.9	999.9	44.4	42.
70.1	149.3	20797.1	50.0	-56.2	99.9	229.4	3.5	2.6	2.3	811.2	999.9	99.9	999.9	46.8	43.
81.9	158.7	25263.3	25.0	-49.4	99.9	289.5	0.6	0.5	-0.2	643.1	999.9	99.9	999.9	45.8	43.

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STATION NO. 532
PEORIA, ILLINOIS

9 MAY 1979
1705 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.1	230.0	988.0	28.7	17.7	200.0	5.1	1.7	4.8	300.9	335.8	13.1	58.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	8.2	317.2	975.0	26.1	17.8	193.2	7.4	1.7	7.2	301.4	337.0	13.3	60.5	0.3	4.
0.9	10.4	545.8	950.0	23.9	16.6	193.8	8.3	2.0	8.0	301.3	335.2	12.6	64.0	0.4	6.
1.2	12.6	778.7	925.0	21.6	15.9	200.5	8.2	2.9	7.7	301.4	334.5	12.3	69.8	0.6	10.
1.7	14.8	1016.3	900.0	19.1	15.3	207.1	8.2	3.7	7.3	301.2	334.1	12.3	78.6	0.8	14.
2.2	17.1	1254.2	875.0	16.7	14.4	207.3	8.9	4.1	7.9	301.2	335.3	12.7	92.0	1.1	18.
2.8	19.5	1535.6	850.0	14.6	13.7	205.1	9.7	4.1	8.8	301.5	332.9	11.7	94.0	1.4	19.
3.6	21.7	1757.7	825.0	12.9	11.4	201.7	10.4	3.9	9.7	302.3	329.3	9.9	86.7	1.9	21.
4.5	24.0	2015.1	800.0	11.7	9.7	199.6	11.4	3.9	11.0	303.6	323.6	7.2	66.6	2.5	20.
5.8	26.9	2291.8	775.0	11.3	-4.4	199.4	12.1	4.1	12.1	305.9	317.6	4.1	38.2	3.1	18.
6.5	28.8	2556.3	750.0	12.8	-27.5	179.4	11.0	-0.8	11.0	310.5	312.2	0.5	4.3	3.9	14.
7.5	31.3	2842.2	725.0	12.3	-17.6	179.9	8.7	-0.2	8.7	313.3	317.2	1.3	10.7	4.5	12.
8.5	33.9	3132.4	700.0	10.4	-21.2	185.0	6.7	0.7	6.6	314.3	317.2	1.0	8.9	4.9	11.
9.7	36.3	3433.5	675.0	7.5	-22.1	190.3	6.2	1.1	6.1	314.3	317.2	1.0	10.1	5.4	11.
11.0	38.8	3742.2	650.0	4.4	-22.2	194.8	6.8	1.7	6.5	314.0	317.2	1.0	12.3	5.8	11.
12.1	41.5	4062.3	625.0	2.3	-40.1	205.8	6.0	2.6	5.4	315.1	315.8	0.2	2.9	6.3	12.
13.4	44.1	4387.7	600.0	-0.4	-34.5	212.5	5.8	3.1	4.9	315.6	316.8	0.3	5.5	6.7	13.
14.5	47.2	4725.1	575.0	-3.2	-32.8	214.6	4.6	2.6	3.8	316.2	317.7	0.4	7.9	7.0	14.
15.9	49.7	5075.7	550.0	-5.3	-34.0	216.7	5.5	3.4	4.3	316.6	317.9	0.4	8.2	7.4	15.
17.1	52.6	5437.7	525.0	-7.7	-34.1	206.2	7.6	3.3	6.8	317.7	318.6	0.2	6.5	7.8	16.
18.3	55.5	5816.3	500.0	-11.7	-37.1	197.6	10.1	3.1	9.6	319.8	320.2	0.1	3.2	8.5	16.
19.7	58.5	6205.6	475.0	-13.3	-40.1	200.3	9.3	3.2	8.7	320.9	321.3	0.1	3.6	9.3	17.
21.1	61.5	6614.0	450.0	-16.9	-49.4	207.6	8.6	4.0	7.6	322.0	322.3	0.1	4.0	10.0	17.
22.7	64.9	7040.1	425.0	-20.3	-51.0	207.9	8.6	4.0	7.6	322.9	323.2	0.1	4.5	10.8	18.
24.2	67.9	7486.1	400.0	-23.7	-52.7	208.4	9.8	4.0	8.9	324.2	324.4	0.1	5.0	11.7	19.
25.9	71.3	7953.9	375.0	-27.5	-54.7	209.5	10.0	4.9	8.7	325.2	325.4	0.1	5.5	12.7	19.
27.7	74.8	8446.2	350.0	-31.6	-57.0	211.3	10.7	5.6	9.1	326.1	326.3	0.0	6.0	13.7	20.
29.6	78.4	8965.3	325.0	-35.9	-59.6	213.9	11.1	6.8	8.8	327.2	327.3	0.0	6.6	14.8	21.
31.7	82.2	9518.3	300.0	-39.4	99.9	216.3	11.8	7.0	9.5	329.9	999.9	99.9	999.9	16.0	22.
33.7	86.2	10108.5	275.0	-43.9	99.9	217.6	10.9	5.0	9.6	331.6	999.9	99.9	999.9	17.4	23.
35.3	90.3	10741.5	250.0	-48.9	99.9	215.0	11.4	4.8	10.3	333.4	999.9	99.9	999.9	18.7	23.
37.5	94.8	11426.6	225.0	-53.1	99.9	221.4	12.5	8.3	9.4	337.2	999.9	99.9	999.9	20.2	24.
39.8	99.4	12176.7	200.0	-59.0	99.9	223.3	14.7	10.1	10.7	340.9	999.9	99.9	999.9	22.1	26.
42.4	104.4	13012.8	175.0	-60.9	99.9	225.9	16.1	11.5	11.2	349.4	999.9	99.9	999.9	24.3	28.
45.3	110.3	13968.0	150.0	-62.7	99.9	232.4	19.1	15.1	11.7	362.1	999.9	99.9	999.9	27.3	30.
48.7	116.3	15096.2	125.0	-61.2	99.9	235.9	15.5	12.8	8.7	384.2	999.9	99.9	999.9	30.7	33.
52.4	123.5	16470.3	100.0	-65.4	99.9	239.7	14.9	12.9	7.5	401.3	999.9	99.9	999.9	33.6	35.
57.8	131.7	19294.2	75.0	-54.3	99.9	239.3	11.4	9.8	5.8	450.7	999.9	99.9	999.9	37.6	39.
64.5	142.0	23404.2	50.0	-57.4	99.9	213.0	5.0	2.7	4.2	508.2	999.9	99.9	999.9	39.2	38.
70.6	150.0	25253.2	25.0	-49.3	99.9	359.7	1.6	0.1	-1.6	643.1	999.9	99.9	999.9	39.8	38.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
+ BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
PEORIA, ILLINOIS

9 MAY 1979
2005 GMT

160 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.0	289.0	996.5	29.4	18.8	160.0	7.7	-2.6	7.2	303.7	341.6	14.0	53.0	0.0	0.
9.4	89.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.0	999.9	999.
0.1	9.1	334.4	975.0	27.4	17.9	999.9	99.9	99.9	99.9	332.7	338.8	13.4	56.5	999.9	999.
1.4	14.5	534.0	950.0	25.0	14.6	999.9	99.9	99.9	99.9	332.5	332.7	11.7	52.7	999.9	999.
2.6	23.9	767.5	925.0	22.8	13.8	179.7	11.2	-0.1	11.2	332.6	332.0	10.8	57.0	1.6	354.
3.5	36.2	1006.3	900.0	21.4	13.6	186.7	11.4	0.9	11.4	333.6	333.5	11.0	61.3	2.5	357.
4.4	49.7	1243.7	875.0	19.0	12.6	185.5	11.2	1.1	11.1	333.5	332.2	10.5	66.4	3.2	359.
5.3	21.2	1498.3	850.0	16.7	12.2	186.2	10.8	1.2	10.8	333.7	332.5	10.6	74.5	3.8	360.
6.3	23.7	1752.4	825.0	14.7	9.3	186.4	10.2	1.1	10.1	334.1	328.9	9.0	70.2	4.4	1.
7.7	27.2	2012.1	800.0	12.3	6.9	184.4	10.8	0.8	10.7	334.2	326.2	7.9	73.1	4.9	1.
8.5	29.9	2279.0	775.0	11.8	-3.9	187.3	13.2	1.7	13.1	336.5	317.6	3.7	33.1	5.6	2.
9.7	31.6	2552.3	750.0	11.9	-27.3	183.5	10.9	0.7	10.9	309.5	312.2	0.9	7.6	6.4	2.
10.7	34.3	2833.1	725.0	11.4	-34.4	171.7	9.2	-1.3	9.1	312.0	313.3	0.3	2.4	7.0	2.
11.3	36.7	3127.1	700.0	9.8	-23.8	162.5	7.5	-2.2	7.1	313.3	316.0	0.8	7.5	7.5	1.
12.4	34.4	3427.2	675.0	7.5	-28.6	179.5	3.7	-0.0	3.7	314.0	315.9	0.5	5.7	7.9	0.
13.1	42.2	3730.5	650.0	6.1	-43.3	212.0	3.1	1.7	2.7	315.9	316.4	0.1	1.4	8.1	1.
15.3	45.1	4039.9	625.0	3.4	-33.0	214.8	1.9	1.1	1.6	316.3	317.6	0.4	4.9	8.2	1.
15.5	47.9	4395.9	600.0	0.6	-30.9	206.7	1.9	0.8	1.7	316.9	319.5	0.5	7.2	8.3	2.
17.7	50.9	4720.7	575.0	-2.1	-36.0	225.1	2.7	1.9	1.9	317.6	318.6	0.3	5.3	8.5	2.
18.3	53.9	5075.6	550.0	-4.9	-37.4	218.4	5.7	3.6	4.5	318.3	319.3	0.3	5.7	8.7	4.
20.2	56.9	5440.3	525.0	-6.5	-44.4	216.7	8.6	5.1	6.9	320.6	321.1	0.1	3.1	9.1	5.
21.5	60.0	5814.7	500.0	-9.5	-45.4	217.4	8.6	5.2	6.8	321.4	321.9	0.1	3.5	9.7	8.
22.4	63.3	6212.5	475.0	-12.5	-46.5	221.2	7.8	5.1	5.8	322.4	323.3	0.1	3.9	10.3	10.
24.3	66.6	6623.3	450.0	-15.9	-43.6	222.7	7.0	4.7	5.1	323.3	323.9	0.2	7.1	10.9	11.
25.9	70.0	7050.2	425.0	-19.7	-43.1	232.7	7.6	6.0	4.6	323.7	324.5	0.2	10.3	11.6	13.
27.3	73.4	7497.2	400.0	-23.7	-46.3	229.0	7.7	5.8	5.1	324.2	324.8	0.1	10.3	11.9	15.
29.3	77.3	7965.1	375.0	-27.4	-50.8	218.2	9.4	5.8	7.4	325.3	325.7	0.1	8.6	12.6	17.
31.5	80.9	8457.5	350.0	-31.4	-53.5	215.0	10.7	6.1	8.8	326.4	326.7	0.1	9.1	13.6	18.
32.6	84.7	8978.2	325.0	-35.1	-56.0	217.9	10.6	6.5	8.3	328.4	328.6	0.1	9.6	14.7	20.
34.2	89.7	9531.9	300.0	-38.9	99.9	219.4	10.2	6.5	7.9	330.5	999.9	99.9	999.9	15.8	21.
36.3	93.0	10121.6	275.0	-44.6	99.9	217.9	9.4	5.8	7.4	333.9	999.9	99.9	999.9	16.9	23.
38.3	97.4	10754.3	250.0	-49.1	99.9	207.5	10.3	4.7	9.1	333.1	999.9	99.9	999.9	18.1	23.
40.4	102.2	11438.2	225.0	-53.9	99.9	210.1	11.0	5.5	9.5	336.0	999.9	99.9	999.9	19.4	23.
42.5	107.2	12196.9	200.0	-58.3	99.9	213.5	13.1	7.2	10.9	343.5	999.9	99.9	999.9	20.9	24.
45.1	112.5	13025.2	175.0	-59.8	99.9	226.2	16.8	12.1	11.6	351.2	999.9	99.9	999.9	23.0	25.
47.8	118.5	13997.6	150.0	-60.3	99.9	233.4	17.6	14.2	10.5	366.2	999.9	99.9	999.9	25.7	29.
51.2	125.0	15120.3	125.0	-62.1	99.9	233.7	15.8	12.7	9.3	382.5	999.9	99.9	999.9	29.0	31.
55.5	132.3	16491.3	100.0	-64.7	99.9	244.5	16.1	14.5	6.9	402.8	999.9	99.9	999.9	32.1	34.
61.1	141.0	18273.0	75.0	-58.2	99.9	239.9	11.6	10.1	5.8	450.9	999.9	99.9	999.9	36.7	39.
69.3	151.5	20826.0	50.0	-55.5	99.9	256.7	6.9	6.8	1.1	512.8	999.9	99.9	999.9	39.7	48.
81.6	163.5	25287.8	25.0	-58.0	99.9	332.9	6.3	2.8	-5.8	641.2	999.9	99.9	999.9	39.9	62.

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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
PEORIA, ILLINOIS

9 MAY 1979
2305 GMT

92 203. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.2	200.0	986.0	28.3	17.8	170.0	7.2	-1.3	7.1	302.7	338.1	13.2	53.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	8.1	299.8	975.0	27.8	17.9	178.3	9.8	-0.3	9.8	303.1	339.1	13.4	54.9	0.6	3.
1.1	10.3	529.6	950.0	25.3	16.4	176.2	10.6	-0.7	10.6	302.8	336.5	12.5	59.8	0.7	0.
1.9	12.4	763.7	925.0	23.1	15.3	175.6	11.0	-0.8	10.9	303.0	335.3	12.0	61.5	1.2	358.
2.8	14.6	1002.3	900.0	20.9	14.8	176.9	10.8	-0.6	10.8	303.0	335.3	11.9	68.4	1.8	357.
3.5	16.8	1245.7	875.0	18.6	14.3	178.8	10.6	-0.2	10.6	303.1	335.2	11.9	76.4	2.3	358.
4.6	19.1	1494.1	850.0	16.2	13.6	179.4	10.9	-0.1	10.9	303.2	334.6	11.6	84.1	3.0	358.
5.6	21.4	1748.2	825.0	14.5	11.7	178.8	10.7	-0.2	10.6	303.9	332.9	10.6	83.5	3.7	358.
6.6	23.7	2008.3	800.0	13.4	6.1	183.4	9.8	0.6	9.8	305.5	326.3	7.5	61.5	4.3	358.
7.7	26.0	2275.3	775.0	12.2	2.2	184.2	9.6	0.7	9.5	306.9	323.5	5.8	50.2	4.9	359.
8.7	28.4	2550.4	750.0	11.7	-20.9	180.0	7.6	-0.0	7.6	311.5	314.6	1.0	7.4	5.4	360.
9.7	31.0	2834.4	725.0	11.6	-25.7	179.2	5.5	-0.1	5.5	312.2	314.4	0.6	5.5	5.8	360.
10.8	33.3	3126.3	700.0	10.1	-28.9	192.3	3.0	0.6	2.9	313.6	315.3	0.5	4.5	6.1	360.
12.0	35.8	3426.6	675.0	7.4	-30.1	230.1	1.6	1.2	1.0	313.9	315.5	0.5	4.8	6.2	0.
13.1	38.3	3734.1	650.0	5.6	-30.9	171.3	1.0	-0.2	1.0	315.3	316.9	0.4	5.0	6.3	1.
14.4	40.9	4055.1	625.0	3.4	-30.2	96.0	1.2	-1.2	0.1	316.4	318.1	0.5	6.3	6.3	0.
15.6	43.5	4384.3	600.0	0.7	-31.5	134.5	1.9	-1.3	1.3	317.0	318.5	0.5	6.7	6.3	359.
17.3	46.2	4724.1	575.0	-1.7	-38.1	198.7	3.8	1.2	3.6	318.0	318.9	0.2	4.2	6.5	359.
18.3	48.9	5076.2	550.0	-3.6	-39.0	229.7	6.9	5.3	4.5	319.8	320.7	0.2	4.4	6.9	2.
19.3	51.9	5441.7	525.0	-6.5	-40.3	237.0	8.0	6.7	4.4	320.7	321.4	0.2	4.7	7.3	6.
21.1	54.7	5820.5	500.0	-10.0	-42.1	235.0	8.2	6.7	4.7	320.9	321.5	0.2	5.1	7.7	10.
22.5	57.6	6213.4	475.0	-13.0	-40.8	226.8	7.4	5.4	5.0	321.8	322.7	0.2	7.5	8.2	13.
24.1	60.9	6622.5	450.0	-16.2	-42.0	199.6	5.4	1.8	5.1	322.9	323.7	0.2	8.7	8.7	14.
25.5	63.9	7049.8	425.0	-19.9	-40.3	208.9	5.6	2.7	4.9	323.5	324.5	0.3	14.1	9.2	14.
27.3	67.1	7496.8	400.0	-23.6	-40.5	230.5	6.1	4.7	3.8	324.4	325.4	0.3	19.3	9.7	16.
29.0	70.4	7964.9	375.0	-27.5	-44.2	225.0	7.2	5.1	5.1	325.1	325.9	0.2	18.5	10.3	18.
30.6	73.9	8456.5	350.0	-32.0	-47.5	219.6	7.8	5.0	6.0	325.6	326.2	0.1	19.6	11.0	20.
32.5	77.4	8977.0	325.0	-36.8	-51.8	227.8	7.2	5.3	4.8	328.7	329.1	0.1	15.8	11.8	21.
34.7	81.3	9530.9	300.0	-37.4	99.9	238.9	5.4	4.6	2.8	329.9	999.9	99.9	999.9	12.5	23.
36.7	85.2	10121.7	275.0	-43.4	99.9	239.8	7.5	6.4	3.7	332.4	999.9	99.9	999.9	13.1	25.
38.9	89.3	10755.1	250.0	-48.9	99.9	221.3	8.6	5.7	6.5	333.3	999.9	99.9	999.9	14.1	27.
41.6	93.8	11438.9	225.0	-53.4	99.9	999.9	99.9	99.9	99.9	336.7	999.9	99.9	999.9	15.4	28.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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STATION NO. 532
PEORIA, ILLINOIS

10 MAY 1979
205 GMT

158 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.6	200.0	986.3	20.4	18.8	160.0	4.2	-2.1	3.8	298.7	335.7	14.0	71.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.5	8.5	301.6	975.0	25.0	18.8	171.9	13.8	-1.9	13.6	300.3	338.1	14.2	68.8	0.4	347.
1.4	10.8	529.9	950.0	23.4	17.9	172.6	13.8	-1.8	13.7	301.0	337.7	13.8	76.4	1.0	350.
2.2	13.1	762.7	925.0	21.7	17.6	175.7	14.3	-1.1	14.3	301.5	338.5	13.8	77.4	1.7	352.
3.1	15.5	1000.3	900.0	19.4	17.0	179.5	13.9	-0.1	13.9	301.5	338.0	13.7	85.9	2.5	353.
4.0	17.8	1242.6	875.0	17.4	15.8	184.0	13.3	0.9	13.3	301.9	336.9	13.1	90.3	3.2	359.
4.9	20.2	1490.6	850.0	16.7	10.5	190.5	13.2	2.4	13.0	303.7	329.6	9.5	66.8	3.9	357.
5.7	22.5	1745.1	825.0	15.7	7.3	189.4	12.6	2.1	12.4	305.2	327.1	7.8	57.5	4.5	350.
6.7	25.0	2005.5	800.0	13.5	4.8	182.8	11.0	0.5	11.0	305.6	324.6	6.8	55.3	5.2	0.
7.6	27.5	2273.1	775.0	13.4	-4.8	184.4	7.4	0.6	7.4	308.3	319.7	3.9	31.6	5.7	0.
8.5	30.0	2549.6	750.0	13.3	-26.7	183.8	4.1	0.3	4.1	311.1	313.0	0.6	6.5	6.0	1.
9.7	32.5	2832.4	725.0	11.5	-27.4	188.4	8.1	-1.0	5.0	312.1	314.0	0.6	6.7	6.3	1.
10.8	35.1	3124.1	700.0	9.9	-28.1	153.2	4.4	-2.0	3.9	313.4	315.2	0.5	6.9	6.7	359.
12.0	37.8	3424.2	675.0	7.0	-29.3	129.2	3.6	-2.8	2.3	313.5	315.2	0.5	5.3	6.8	358.
13.1	40.4	3733.2	650.0	5.2	-30.1	126.2	4.3	-3.5	2.6	314.9	316.5	0.5	5.6	7.0	356.
14.2	43.1	4051.5	625.0	2.9	-31.3	136.9	4.3	-2.9	3.1	315.8	317.3	0.4	5.9	7.2	355.
15.5	45.9	4380.2	600.0	0.3	-32.5	167.5	4.5	-1.0	4.3	316.5	317.9	0.4	6.3	7.5	354.
16.9	48.8	4719.9	575.0	-1.8	-36.6	201.5	5.0	1.8	4.7	317.9	318.9	0.3	4.9	7.8	354.
18.0	51.6	5071.7	550.0	-4.2	-37.7	218.3	6.0	3.7	4.7	319.1	320.1	0.3	5.2	8.2	356.
19.4	54.6	5436.3	525.0	-7.2	-39.1	221.6	6.7	4.5	5.0	319.8	320.7	0.2	5.7	8.5	359.
20.7	57.6	5814.1	500.0	-10.4	-40.8	217.6	6.5	4.0	5.2	320.3	321.1	0.2	6.1	9.0	1.
22.3	60.8	6206.4	475.0	-13.4	-42.4	197.8	6.8	2.1	6.4	321.3	322.0	0.2	6.6	9.5	3.
23.9	64.0	6615.9	450.0	-16.3	-37.6	197.1	7.0	2.0	6.7	322.8	324.0	0.3	13.8	10.1	3.
25.3	67.3	7043.6	425.0	-19.6	-37.8	222.9	7.5	5.1	5.5	323.9	325.1	0.3	17.9	10.7	5.
26.9	70.6	7493.1	400.0	-24.0	-38.5	232.1	8.6	6.8	5.3	323.8	325.0	0.3	24.7	11.2	8.
28.6	74.1	7957.0	375.0	-29.2	-40.4	235.1	7.2	5.9	4.1	324.3	325.4	0.3	29.6	11.8	10.
30.1	77.9	8448.2	350.0	-32.4	-44.9	241.9	5.2	4.6	2.4	325.1	325.8	0.2	27.4	12.3	13.
32.4	81.6	8966.8	325.0	-36.6	-50.3	233.4	3.7	3.0	2.2	329.0	329.5	0.1	19.3	12.6	14.
34.5	85.5	9522.3	300.0	-39.4	-54.1	262.6	4.1	4.0	0.5	329.9	330.2	0.1	15.8	13.0	16.
36.7	89.7	13112.4	275.0	-44.1	99.9	276.4	7.2	7.2	-0.8	331.4	999.9	99.9	999.9	13.1	19.
39.1	94.0	13745.2	250.0	-48.3	99.9	289.5	10.5	9.9	-3.5	334.2	999.9	99.9	999.9	13.3	24.
41.6	98.7	14430.1	225.0	-54.3	99.9	291.6	10.8	10.8	-4.0	335.3	999.9	99.9	999.9	13.5	32.
44.4	103.6	15176.9	200.0	-58.1	99.9	278.3	11.2	11.1	-1.6	340.8	999.9	99.9	999.9	14.1	39.
47.8	109.0	16010.5	175.0	-61.6	99.9	265.5	12.7	11.5	5.2	348.3	999.9	99.9	999.9	15.4	44.
51.1	114.8	16971.2	150.0	-61.1	99.9	261.3	18.1	15.9	8.7	364.9	999.9	99.9	999.9	18.9	46.
55.6	121.3	15397.6	125.0	-62.9	99.9	262.2	16.4	14.5	7.6	381.2	999.9	99.9	999.9	23.1	49.
59.4	128.7	16460.9	100.0	-65.5	99.9	246.7	15.3	14.1	6.1	401.3	999.9	99.9	999.9	27.5	51.
64.5	137.0	18233.4	75.0	-68.5	99.9	266.8	10.6	10.6	0.6	446.1	999.9	99.9	999.9	33.4	54.
75.4	147.0	20770.0	50.0	-59.9	99.9	0.3	5.2	-0.0	-5.2	502.3	999.9	99.9	999.9	34.3	56.
88.8	158.0	25186.7	25.0	-50.7	99.9	12.4	6.9	-1.0	-6.8	638.8	999.9	99.9	999.9	31.7	58.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
PEORIA, ILLINOIS

18 MAY 1979
505 GMT

194 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.1	290.0	967.0	22.2	19.4	160.0	5.1	-1.7	4.8	296.5	334.3	14.5	84.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.5	0.2	307.0	975.0	22.8	19.3	173.9	13.0	-1.4	12.9	298.1	336.4	14.6	80.5	0.3	340.
1.3	11.3	533.9	950.0	22.2	19.0	189.3	16.0	0.1	16.0	299.7	338.6	14.7	82.0	1.0	354.
2.2	11.5	766.4	925.0	21.2	17.4	184.2	17.3	1.3	17.2	301.0	337.7	13.7	74.0	1.9	350.
3.1	15.7	1003.7	900.0	19.4	15.3	188.3	16.2	2.3	16.1	301.5	334.5	12.3	77.5	2.8	0.
4.1	19.0	1246.0	875.0	17.9	12.9	193.1	14.6	3.3	14.2	302.4	331.6	10.8	72.5	3.7	3.
5.0	21.3	1494.3	850.0	16.6	11.0	201.5	12.0	4.4	11.2	303.6	330.3	9.8	69.3	4.5	5.
6.1	22.6	1748.4	825.0	14.9	8.2	203.0	12.1	4.7	11.2	304.4	327.4	8.3	64.8	5.2	8.
7.1	24.9	2008.7	800.0	12.3	6.6	196.3	12.9	3.6	12.4	304.2	325.6	7.7	68.3	5.9	9.
8.0	27.3	2274.4	775.0	12.0	-2.6	185.5	10.5	1.0	10.5	306.7	318.8	4.1	36.5	6.6	10.
9.1	24.7	2548.4	750.0	11.9	-7.0	170.0	9.0	-1.6	8.9	309.6	318.7	3.0	28.1	7.2	9.
10.2	32.2	2832.5	725.0	12.7	-23.9	160.1	7.8	-2.7	7.3	313.4	315.9	0.8	6.8	7.6	7.
11.2	34.6	3125.4	700.0	10.4	-26.5	145.3	6.9	-3.9	5.7	314.8	316.1	0.6	5.8	8.0	5.
12.3	37.2	3429.9	675.0	7.8	-24.5	139.6	6.7	-4.3	5.1	314.4	316.2	0.5	5.4	8.3	3.
13.4	39.7	3735.4	650.0	5.9	-27.5	149.8	6.8	-3.4	5.9	315.6	317.4	0.5	5.7	8.7	1.
14.6	42.4	4056.5	625.0	3.3	-30.9	164.7	6.9	-1.2	6.8	316.2	317.8	0.5	6.0	9.1	0.
15.7	45.0	4393.8	600.0	1.3	-32.9	191.2	6.3	1.2	6.2	317.6	319.1	0.4	6.2	9.6	0.
16.9	47.9	4724.2	575.0	-1.5	-35.4	197.5	4.5	1.4	4.3	318.2	319.4	0.3	5.4	10.0	1.
18.2	50.6	5076.4	550.0	-3.8	-36.6	206.5	4.9	2.2	4.4	319.6	320.6	0.3	5.7	10.3	1.
19.5	53.3	5441.5	525.0	-6.8	-38.3	209.7	5.9	2.9	5.1	320.3	321.2	0.3	6.0	10.7	2.
20.9	56.3	5819.6	500.0	-10.2	-40.2	213.3	6.1	3.4	5.1	320.6	321.4	0.2	6.4	11.1	4.
22.3	59.3	6212.2	475.0	-13.6	-42.2	198.3	6.4	2.0	6.1	321.1	321.8	0.2	6.8	11.6	5.
23.9	62.4	6621.2	450.0	-16.2	-43.3	190.0	8.3	1.4	8.2	322.9	323.6	0.2	7.5	12.2	5.
25.3	65.5	7049.3	425.0	-19.4	-40.2	205.5	9.0	3.9	8.1	324.1	325.0	0.3	13.8	13.0	6.
27.3	68.8	7495.9	400.0	-23.7	-40.8	213.4	8.3	4.6	6.9	324.2	325.2	0.3	18.7	13.8	8.
29.4	72.1	7964.3	375.0	-27.1	-43.9	211.9	5.4	2.8	4.5	325.7	326.4	0.2	18.6	14.5	9.
31.7	75.7	8460.3	350.0	-29.2	-47.6	238.5	3.3	2.8	1.7	329.4	330.0	0.1	14.8	14.9	9.
32.7	79.3	8985.2	325.0	-33.4	-50.8	277.2	6.5	6.4	-0.8	330.7	331.1	0.1	15.3	15.0	11.
34.9	83.1	9541.4	300.0	-38.9	-56.0	284.2	9.1	8.8	-2.2	330.6	330.9	0.1	18.1	15.0	16.
37.3	87.0	10133.3	275.0	-43.2	99.9	281.3	10.3	10.1	-2.0	332.7	999.9	99.9	999.9	15.1	20.
39.5	91.3	10767.8	250.0	-48.3	99.9	282.6	12.7	12.4	-2.8	334.3	999.9	99.9	999.9	15.4	27.
42.2	95.8	11454.7	225.0	-52.7	99.9	286.9	12.9	12.4	-3.8	337.8	999.9	99.9	999.9	16.0	34.
44.9	100.5	12206.8	200.0	-57.5	99.9	280.4	12.5	12.3	-2.3	341.7	999.9	99.9	999.9	16.7	41.
47.2	105.8	13042.5	175.0	-62.3	99.9	256.7	16.2	15.8	3.7	347.2	999.9	99.9	999.9	18.5	46.
51.3	111.3	13993.9	150.0	-61.8	99.9	252.1	18.2	17.4	5.6	363.6	999.9	99.9	999.9	22.0	51.
55.3	117.5	15115.2	125.0	-63.9	99.9	237.9	14.4	12.2	7.7	374.2	999.9	99.9	999.9	25.5	53.
60.2	124.7	16493.0	100.0	-63.8	99.9	242.4	16.7	14.8	7.7	406.5	999.9	99.9	999.9	29.5	53.
66.3	133.0	18261.5	75.0	-62.0	99.9	283.8	11.8	11.8	1.3	442.9	999.9	99.9	999.9	35.8	54.
76.3	143.8	20802.1	50.0	-57.2	99.9	149.8	2.4	-1.2	2.1	508.6	999.9	99.9	999.9	37.3	56.
86.8	154.5	25216.0	25.0	-51.1	99.9	999.9	99.9	99.9	99.9	637.9	999.9	99.9	999.9	35.1	57.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
PEORIA, ILLINOIS

10 MAY 1979
805 GMT

ISI 25. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.0	203.0	986.0	20.8	18.9	170.9	4.1	-0.7	4.0	294.3	333.6	14.0	93.0	0.0	0.
99.9	99.9	99.9	1033.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	0.1	305.3	975.0	23.9	19.6	190.5	12.6	2.3	12.4	298.1	334.9	14.9	92.5	0.2	1.
1.2	11.4	530.0	950.0	23.7	19.3	194.4	15.4	3.8	14.9	298.2	337.5	15.0	91.8	0.8	9.
2.1	13.7	761.9	925.0	19.7	16.9	195.4	15.7	4.2	15.2	299.5	336.5	13.2	83.4	1.7	13.
3.1	16.0	994.2	900.0	18.1	15.7	196.4	15.1	4.3	14.5	300.2	333.7	12.6	85.7	2.5	14.
4.0	18.4	1229.0	875.0	17.1	14.2	197.2	13.8	4.1	13.1	301.6	333.2	11.8	83.1	3.3	14.
4.9	20.9	1487.4	850.0	15.6	12.6	199.2	12.1	4.0	11.4	302.5	332.0	10.9	82.4	4.1	15.
5.9	23.3	1743.4	825.0	13.9	11.5	197.3	12.9	4.3	12.2	303.3	331.7	10.4	85.6	4.8	16.
6.7	25.8	2000.1	800.0	11.7	9.5	203.0	12.1	4.7	11.2	303.7	329.5	9.4	86.3	5.5	16.
7.6	28.3	2260.6	775.0	12.0	-29.6	219.3	8.0	5.1	6.2	306.7	310.2	1.1	10.4	6.0	17.
8.6	30.9	2523.3	750.0	11.8	-33.5	227.0	8.8	6.4	6.0	309.4	310.4	0.3	2.6	6.4	19.
9.6	33.4	2787.2	725.0	9.8	-36.0	216.4	9.1	5.4	7.3	310.3	311.3	0.3	2.8	6.9	21.
10.6	36.0	3052.3	700.0	9.4	-46.7	199.9	7.8	2.7	7.3	311.8	312.2	0.1	1.8	7.4	22.
11.7	38.7	3311.6	675.0	7.0	-45.6	180.3	8.7	0.0	8.7	313.5	313.8	0.1	1.0	7.9	21.
12.9	41.4	3720.3	650.0	6.4	-35.6	173.5	9.5	-1.1	9.4	314.0	315.0	0.3	3.4	8.4	19.
13.9	44.2	4037.7	625.0	2.8	-48.2	179.7	8.2	-0.0	8.2	315.6	315.9	0.1	1.0	9.0	18.
15.1	47.3	4315.2	600.0	0.4	-49.7	185.2	7.9	0.7	7.9	316.6	316.9	0.1	1.0	9.5	17.
16.2	50.3	4595.3	575.0	-1.9	-49.2	179.5	8.6	-0.1	8.6	317.8	318.1	0.1	1.2	10.0	16.
17.2	53.4	5057.9	550.0	-3.6	-49.0	181.0	9.6	0.2	9.6	319.8	320.1	0.1	1.4	10.6	15.
18.4	56.9	5423.2	525.0	-6.5	-49.1	190.8	7.3	1.4	7.2	320.6	320.9	0.1	1.8	11.3	14.
19.8	60.3	5801.7	500.0	-9.8	-49.6	203.0	8.6	3.3	7.9	321.2	321.5	0.1	2.2	11.8	15.
21.2	63.1	6195.2	475.0	-13.2	-50.5	208.4	10.7	5.1	9.4	321.7	322.0	0.1	2.6	12.6	15.
22.7	65.6	6534.9	453.0	-15.8	-48.8	212.9	10.8	5.4	8.4	323.4	323.8	0.1	4.2	13.6	16.
24.3	68.8	7032.5	425.0	-19.6	-46.2	217.3	10.8	6.6	8.6	323.9	324.5	0.2	9.0	14.4	18.
25.9	72.3	7478.9	400.0	-23.9	-43.3	212.5	10.5	5.7	8.9	324.0	324.7	0.2	14.7	15.5	19.
27.6	75.9	7947.2	375.0	-27.0	-49.3	212.8	8.1	4.4	6.8	325.9	326.3	0.1	9.9	16.4	20.
29.3	79.6	8442.9	350.0	-29.4	-52.2	233.2	6.8	5.5	4.1	329.1	329.4	0.1	9.8	17.1	20.
31.2	83.4	8967.1	325.0	-33.5	-54.0	257.0	8.1	7.9	1.8	330.5	330.8	0.1	10.6	17.7	22.
33.3	87.5	9522.7	300.0	-39.7	-57.8	264.6	9.7	9.7	0.9	330.8	331.0	0.0	11.2	18.3	25.
35.4	91.7	10114.3	275.0	-43.1	99.9	999.5	9.1	9.1	-1.0	332.8	999.9	99.9	999.9	18.9	29.
37.8	96.2	10742.3	253.0	-48.3	99.9	290.1	6.5	6.4	-1.1	334.3	999.9	99.9	999.9	19.3	32.
40.2	101.0	11435.0	225.0	-53.6	99.9	298.1	7.4	7.1	-2.3	336.4	999.9	99.9	999.9	19.6	35.
42.3	105.3	12105.8	200.0	-59.0	99.9	304.6	10.6	8.7	-6.0	340.9	999.9	99.9	999.9	19.7	38.
45.8	111.5	13219.9	175.0	-62.9	99.9	288.6	12.2	12.2	0.3	346.1	999.9	99.9	999.9	20.5	44.
49.9	117.5	13762.5	150.0	-62.8	99.9	244.5	16.8	15.1	7.2	361.9	999.9	99.9	999.9	22.9	47.
53.1	124.3	15088.9	125.0	-63.2	99.9	240.0	19.1	16.5	9.5	380.5	999.9	99.9	999.9	27.3	49.
58.1	131.3	16456.1	100.0	-67.5	99.9	250.2	18.8	17.7	6.4	407.0	999.9	99.9	999.9	32.7	51.
64.3	139.7	18229.3	75.0	-62.1	99.9	229.8	10.4	8.0	6.7	442.8	999.9	99.9	999.9	38.5	56.
72.8	148.7	20752.4	50.0	-59.4	99.9	280.9	3.1	3.1	-0.6	503.6	999.9	99.9	999.9	48.1	
86.2	159.9	25153.9	25.0	-53.2	99.9	999.9	99.9	99.9	99.9	631.6	999.9	99.9	999.9	999.9	999.

* MY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* MY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** MY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 532
PEORIA, ILLINOIS

16 MAY 1979
1105 GMT

127 70. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	7.4	200.0	988.1	18.3	17.7	180.0	3.6	0.0	3.6	292.5	325.9	13.8	96.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	8.5	315.6	975.0	20.0	19.5	202.2	9.5	3.6	8.8	295.3	333.7	14.8	96.9	0.3	5.
1.3	10.7	563.7	950.0	20.0	19.3	214.9	11.7	6.7	9.6	297.5	336.9	15.0	95.6	0.7	20.
2.1	12.9	771.2	925.0	19.5	15.7	221.6	11.5	7.6	8.6	299.2	331.7	12.2	78.8	1.3	30.
3.0	15.0	1007.3	900.0	18.6	14.2	220.9	10.4	6.8	7.9	300.7	331.2	11.4	75.3	1.9	34.
4.3	17.2	1248.8	875.0	16.7	13.3	215.5	11.5	6.7	9.4	301.2	331.0	11.0	80.0	2.5	35.
4.9	19.5	1495.5	850.0	15.0	11.4	214.1	12.2	8.0	10.1	301.9	329.3	10.1	79.1	3.2	34.
5.8	21.7	1749.3	825.0	13.3	8.5	217.3	12.7	7.7	10.1	302.6	325.9	8.5	72.9	3.8	35.
6.7	24.0	2010.7	800.0	11.8	4.4	220.8	12.9	8.4	9.7	303.7	322.1	6.6	60.3	4.5	35.
7.7	26.4	2272.2	775.0	10.8	2.0	219.2	12.5	7.9	9.7	304.6	320.9	5.7	57.4	5.3	34.
8.7	29.7	2544.3	750.0	8.9	-7.9	220.2	9.9	6.4	7.5	306.2	314.7	2.8	29.8	6.0	37.
9.9	31.1	2824.3	725.0	9.1	-34.2	217.3	8.8	5.3	7.0	309.5	310.5	0.3	2.9	6.6	37.
10.8	33.5	3116.2	700.0	7.8	-45.2	208.5	8.9	4.2	7.8	311.1	311.4	0.1	1.8	7.1	37.
11.9	36.0	3412.7	675.0	6.2	-46.1	201.2	9.4	3.4	8.8	312.6	312.9	0.1	1.8	7.7	36.
13.1	39.5	3720.5	650.0	3.7	-47.6	203.1	9.8	3.5	8.3	313.2	313.5	0.1	1.8	8.3	35.
14.3	41.1	4037.4	625.0	2.8	-48.7	204.0	9.6	3.9	8.8	314.8	315.0	0.1	1.8	9.0	34.
15.5	43.9	4365.4	600.0	0.1	-49.9	205.1	9.7	4.1	8.8	316.2	316.4	0.1	1.8	9.7	33.
16.8	46.4	4704.7	575.0	-2.8	-51.2	207.1	10.0	4.8	8.9	317.6	317.8	0.1	1.8	10.4	33.
18.0	49.3	5055.7	550.0	-5.3	-53.3	207.8	9.5	4.4	8.4	317.9	318.0	0.0	1.8	11.1	32.
19.3	52.1	5418.7	525.0	-8.2	-55.1	208.3	9.2	3.2	8.6	318.5	318.7	0.0	1.8	11.8	32.
20.6	55.0	5795.1	500.0	-11.3	-57.1	192.1	9.1	1.9	8.9	319.3	319.4	0.0	1.8	12.5	31.
22.2	58.0	6186.5	475.0	-14.8	-58.8	193.5	9.7	2.3	9.4	320.7	320.8	0.0	1.8	13.3	30.
23.9	61.0	6594.8	450.0	-18.8	-53.6	199.7	11.4	3.8	10.7	322.2	322.4	0.1	2.4	14.3	29.
25.5	64.1	7021.9	425.0	-19.7	-48.5	200.2	12.8	4.4	12.0	323.7	324.1	0.1	5.7	15.5	28.
27.3	67.4	7469.4	400.0	-22.5	-55.4	218.1	10.4	6.4	8.2	325.8	326.0	0.0	3.2	16.9	28.
29.1	70.7	7943.6	375.0	-25.7	-56.7	227.6	9.5	7.0	6.4	327.6	327.8	0.0	3.6	17.3	29.
31.0	74.3	8436.6	350.0	-29.2	-58.3	233.9	9.1	7.3	5.4	329.4	329.6	0.0	4.0	18.8	30.
33.3	77.9	8961.0	325.0	-33.5	-60.5	248.2	10.9	10.3	4.0	330.6	330.7	0.0	4.6	19.8	32.
35.	81.7	9518.2	300.0	-37.9	-63.0	256.8	9.8	9.4	2.6	332.0	332.1	0.0	5.2	20.9	34.
37.6	85.7	10111.8	275.0	-43.0	99.9	257.0	8.9	8.7	2.3	333.0	999.9	99.9	999.9	21.8	37.
39.9	89.7	10748.1	250.0	-47.3	99.9	251.5	9.2	8.7	2.9	335.7	999.9	99.9	999.9	22.9	39.
42.4	94.2	11437.1	225.0	-52.1	99.9	255.8	8.2	8.0	2.8	338.1	999.9	99.9	999.9	24.0	40.
45.3	99.0	12188.9	200.0	-58.8	99.9	264.4	10.8	10.7	1.0	339.7	999.9	99.9	999.9	25.1	43.
47.9	104.0	13014.8	175.0	-64.1	99.9	266.0	15.3	15.2	1.1	344.2	999.9	99.9	999.9	26.8	46.
51.3	109.6	13956.3	150.0	-64.1	99.9	250.8	17.8	16.1	5.6	354.7	999.9	99.9	999.9	29.3	49.
55.4	115.8	15065.7	125.0	-61.9	99.9	238.9	17.3	14.8	8.9	382.9	999.9	99.9	999.9	33.7	51.
60.8	122.8	16459.1	100.0	-6 3	99.9	248.1	19.2	17.8	7.7	407.4	999.9	99.9	999.9	39.8	52.
66.2	131.0	18239.5	75.0	-64.1	99.9	999.9	99.9	99.9	99.9	436.6	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATE
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
OMAHA, NEBRASKA

9 MAY 1979
1109 GMT

1ST 13. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PUT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.5	420.0	956.0	11.9	10.5	110.0	2.6	-2.4	0.9	280.7	310.3	8.4	91.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	11.2	460.0	950.0	12.4	11.0	148.9	10.6	-8.6	14.2	289.6	312.5	8.7	91.0	0.2	286.
1.1	13.5	606.1	925.0	17.0	10.4	107.5	16.9	-3.6	16.5	298.0	330.4	12.8	95.7	0.8	320.
1.9	16.0	921.6	900.0	17.9	17.0	109.3	17.6	2.8	17.3	299.9	336.3	13.7	94.6	1.4	346.
2.8	19.5	1183.2	875.0	16.5	15.7	203.0	17.1	7.0	16.5	301.3	335.7	13.0	95.0	2.3	358.
3.7	21.0	1410.3	850.0	15.2	14.4	213.5	18.7	10.3	15.6	302.1	335.2	12.3	95.0	3.2	7.
4.6	23.5	1643.7	825.0	13.8	12.9	210.2	19.8	11.0	15.8	303.2	334.2	11.4	94.3	4.1	14.
5.5	26.0	1923.2	800.0	12.8	11.1	210.3	18.8	11.6	14.7	303.9	332.5	10.5	94.5	5.1	19.
6.6	28.6	2189.4	775.0	10.5	9.6	217.8	18.0	11.0	14.3	305.1	332.8	9.8	94.6	5.9	22.
7.3	31.2	2462.2	750.0	8.6	8.7	212.4	21.1	11.3	17.8	305.9	321.4	9.4	58.3	7.8	24.
8.3	33.9	2744.0	725.0	9.8	-1.7	213.2	21.0	11.5	17.6	310.3	323.9	4.7	44.3	8.2	25.
9.3	36.6	3034.8	700.0	7.8	-0.5	214.3	21.4	12.0	17.7	311.2	326.6	5.3	55.5	9.6	27.
10.4	39.3	3334.3	675.0	6.1	-4.9	214.0	22.8	12.3	18.3	312.5	324.3	4.0	45.2	11.0	27.
11.6	42.2	3641.3	650.0	4.1	-38.8	216.1	21.9	12.9	17.7	313.6	314.4	0.2	7.6	12.5	28.
12.8	45.0	3959.0	625.0	1.8	-34.1	220.1	23.5	15.1	18.0	314.6	315.7	0.3	4.8	14.1	29.
14.0	44.0	4286.6	600.0	-0.6	-21.8	222.1	23.0	15.5	17.0	315.9	319.1	1.1	18.2	15.8	31.
15.2	51.0	4624.9	575.0	-3.1	-25.6	213.8	24.6	15.4	19.2	316.4	319.2	0.8	15.5	17.4	32.
16.4	54.1	4975.0	550.0	-5.8	-28.9	213.1	26.9	16.7	22.5	317.3	319.4	0.6	14.1	19.4	32.
17.7	57.3	5337.7	525.0	-8.0	-55.0	208.3	28.9	13.7	25.5	318.8	319.0	0.0	1.0	21.5	32.
19.1	60.4	5715.1	500.0	-10.3	-32.3	203.7	30.4	12.2	27.9	320.4	322.2	0.5	14.8	23.9	31.
20.4	63.8	6108.1	475.0	-13.2	-31.9	205.6	29.8	12.9	26.9	321.7	323.6	0.6	19.0	26.3	31.
21.8	67.1	6517.2	450.0	-16.5	-29.3	210.9	27.7	14.2	23.7	322.5	325.1	0.7	32.2	28.7	30.
23.3	70.7	6944.3	425.0	-19.6	-29.4	216.9	25.7	15.4	20.5	323.9	326.6	0.8	41.4	31.1	31.
24.9	74.3	7392.2	400.0	-22.7	-30.7	225.8	25.8	18.5	18.0	325.5	327.2	0.5	32.3	33.2	31.
26.4	78.0	7862.4	375.0	-25.9	-41.9	224.5	25.9	18.1	18.4	327.3	328.2	0.2	23.4	35.8	33.
28.3	82.0	8354.7	350.0	-29.1	-69.6	221.6	25.6	17.8	19.1	329.5	329.6	0.0	1.0	38.5	33.
30.3	86.0	8868.5	325.0	-33.8	-55.3	218.4	24.1	15.8	18.9	330.2	330.4	0.1	9.2	41.7	34.
32.2	90.3	9403.1	300.0	-38.8	99.9	215.8	22.3	13.1	18.1	330.7	999.9	99.9	999.9	44.2	34.
34.3	94.8	10030.6	275.0	-43.9	99.9	214.0	20.6	10.8	23.7	331.7	999.9	99.9	999.9	47.3	34.
36.3	99.6	10663.2	250.0	-49.4	99.9	212.4	20.7	10.3	22.5	332.6	999.9	99.9	999.9	50.8	34.
38.7	104.8	11343.6	225.0	-55.9	99.9	210.4	21.7	10.8	25.5	332.8	999.9	99.9	999.9	54.9	34.
41.4	110.3	12094.5	200.0	-60.3	99.9	210.1	27.4	14.1	22.1	337.3	999.9	99.9	999.9	59.8	34.
44.4	116.3	12906.4	175.0	-65.8	99.9	223.3	30.9	21.2	22.5	342.7	999.9	99.9	999.9	64.7	34.
47.9	122.5	13856.6	150.0	-60.5	99.9	222.6	27.6	18.7	20.3	345.8	999.9	99.9	999.9	71.8	35.
52.1	129.7	14991.6	125.0	-60.5	99.9	231.5	21.8	17.0	13.6	385.4	999.9	99.9	999.9	77.7	36.
56.9	137.3	16183.8	100.0	-62.6	99.9	228.5	11.3	7.3	8.6	406.7	999.9	99.9	999.9	81.5	37.
62.9	145.7	19176.9	75.0	-57.7	99.9	209.9	9.4	4.7	8.1	451.9	999.9	99.9	999.9	85.5	36.
71.5	154.8	20758.7	50.0	-53.4	99.9	290.0	5.6	5.3	-1.9	517.5	999.9	99.9	999.9	88.7	37.
86.7	162.3	25244.4	25.0	-49.1	99.9	999.9	99.9	99.9	99.9	603.9	999.9	99.9	999.9	87.2	37.

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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
OMAHA, NEBRASKA

9 MAY 1979
1406 GMT

197 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.3	400.0	956.7	11.2	10.1	360.0	4.6	0.0	-4.6	288.0	309.1	8.2	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	10.9	458.8	950.0	11.1	10.7	999.9	99.9	99.9	99.9	288.4	310.5	8.6	97.7	999.9	999.
1.0	13.3	684.2	925.0	15.6	15.5	999.9	99.9	99.9	99.9	295.3	326.9	12.1	98.9	999.9	999.
1.9	15.7	917.9	900.0	15.9	15.7	999.9	99.9	99.9	99.9	297.9	331.3	12.6	98.9	999.9	999.
2.8	18.1	1154.2	875.0	15.9	15.7	999.9	99.9	99.9	99.9	300.3	334.8	13.0	98.6	999.9	999.
3.7	20.6	1405.4	850.0	15.5	15.3	999.9	99.9	99.9	99.9	302.4	337.2	13.0	98.6	999.9	999.
4.5	23.0	1669.0	825.0	14.1	14.0	999.9	99.9	99.9	99.9	303.5	336.8	12.3	98.9	999.9	999.
5.5	25.6	1919.5	800.0	12.9	12.5	999.9	99.9	99.9	99.9	305.0	336.4	11.5	97.2	999.9	999.
6.3	28.1	2180.6	775.0	11.5	11.3	999.9	99.9	99.9	99.9	306.2	335.8	10.7	96.2	5.1	19.
7.1	30.7	2440.9	750.0	10.8	1.8	210.9	17.2	8.8	14.7	308.3	325.3	5.9	56.8	8.0	21.
8.5	33.4	2744.5	725.0	11.6	-4.0	205.9	18.3	8.0	16.5	312.2	323.9	3.9	33.4	7.2	22.
9.4	36.1	3036.9	700.0	9.9	-9.6	203.5	19.4	7.7	17.8	313.4	321.5	2.6	24.2	8.3	22.
10.5	38.8	3334.3	675.0	8.5	-23.0	201.8	20.2	7.5	18.7	315.2	318.2	0.9	8.9	9.6	22.
11.6	41.6	3648.4	650.0	6.1	-23.0	202.0	20.0	7.5	18.5	315.9	318.9	0.9	10.2	10.9	22.
12.8	44.4	3967.9	625.0	3.5	-24.0	201.1	20.0	7.8	18.4	316.5	319.4	0.9	11.2	12.3	22.
14.0	47.3	4297.3	600.0	0.8	-21.5	206.9	19.7	8.9	17.5	317.1	320.8	1.1	17.0	13.7	22.
15.2	50.3	4637.0	575.0	-2.3	-19.0	210.9	21.9	11.2	18.8	317.3	322.1	1.5	26.2	15.2	23.
16.5	53.3	4987.9	550.0	-5.3	-19.9	210.6	23.7	12.1	20.4	317.8	322.9	1.6	33.1	17.0	24.
17.9	56.4	5351.4	525.0	-7.8	-23.9	206.4	27.3	12.1	24.4	319.1	322.7	1.1	26.6	19.1	25.
19.3	59.5	5728.7	500.0	-10.5	-32.8	201.9	30.6	11.4	28.4	320.3	322.0	0.5	15.0	21.5	26.
20.7	62.9	6121.1	475.0	-13.6	-37.6	203.1	30.0	11.8	27.6	321.3	322.5	0.3	11.6	24.1	26.
22.2	66.1	6533.4	450.0	-16.5	-27.9	205.6	27.0	11.7	24.3	322.9	325.8	0.8	35.3	26.6	26.
23.6	69.6	6959.4	425.0	-18.3	-37.2	206.2	27.7	13.1	24.4	325.5	326.6	0.4	17.2	29.0	26.
25.2	73.0	7408.6	400.0	-22.3	-36.9	209.8	25.0	12.4	21.7	326.0	327.7	0.5	30.5	31.5	25.
26.9	76.7	7879.0	375.0	-26.7	-34.2	214.5	23.8	13.5	19.7	326.2	328.2	0.6	48.9	33.8	25.
28.6	80.5	8372.8	350.0	-30.9	-36.2	220.3	24.4	15.8	18.6	327.2	328.9	0.5	59.1	36.4	26.
30.6	84.9	8895.5	325.0	-34.0	-43.6	216.8	24.4	14.6	19.5	329.9	330.8	0.2	38.8	39.1	27.
32.5	89.5	9450.9	300.0	-38.9	-45.9	216.1	23.4	13.8	18.9	330.7	331.4	0.2	46.5	42.1	28.
34.9	94.0	10041.1	275.0	-44.0	99.9	214.9	27.6	15.8	22.7	331.5	999.9	99.9	999.9	45.3	28.
36.9	97.4	10473.7	250.0	-49.3	99.9	217.9	26.3	16.1	20.7	332.9	999.9	99.9	999.9	48.6	29.
39.4	102.2	11356.3	225.0	-54.3	99.9	217.3	31.8	19.3	25.2	335.3	999.9	99.9	999.9	52.9	30.
42.0	107.4	12102.1	200.0	-59.8	99.9	213.9	31.6	17.6	26.2	338.1	999.9	99.9	999.9	57.8	30.
44.8	113.0	12928.9	175.0	-63.7	99.9	219.7	32.5	20.8	25.0	344.8	999.9	99.9	999.9	62.9	30.
47.7	119.0	13883.8	150.0	-59.2	99.9	220.8	29.8	19.4	22.4	368.1	999.9	99.9	999.9	68.6	31.
51.1	125.8	15029.2	125.0	-60.0	99.9	222.2	20.8	13.8	15.2	386.4	999.9	99.9	999.9	73.7	32.
54.8	133.3	16315.9	100.0	-61.8	99.9	222.3	16.0	10.8	11.9	408.4	999.9	99.9	999.9	77.7	33.
59.6	142.9	18212.9	75.0	-56.0	99.9	213.8	7.9	4.3	6.6	455.5	999.9	99.9	999.9	81.0	33.
64.2	151.7	20407.4	50.0	-53.5	99.9	152.5	6.2	-2.9	5.5	517.5	999.9	99.9	999.9	82.7	33.
76.9	167.0	25285.8	25.0	-49.6	99.9	196.4	2.6	0.7	2.5	642.0	999.9	99.9	999.9	83.4	33.

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STATION NO. 553
OMAHA, NEBRASKA

9 MAY 1979
1705 GMT

154 28. 0

TIME MIN	CNFCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.0	402.0	956.3	15.1	13.4	50.0	2.6	-2.0	-1.7	293.0	319.5	10.2	84.0	0.0	0.
99.9	99.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	11.6	456.7	950.0	17.5	15.6	130.6	4.5	-3.4	2.9	295.0	326.6	11.9	86.4	0.1	2.
1.1	14.0	697.1	925.0	20.3	17.8	183.8	9.1	0.1	9.1	300.1	337.4	14.1	85.7	0.4	2.
1.8	16.4	924.1	900.0	18.6	16.5	181.4	11.8	0.3	11.8	303.7	336.8	13.6	87.6	0.9	1.
2.7	18.8	1154.8	875.0	16.5	15.6	187.6	13.0	1.7	12.9	308.9	335.3	12.9	94.4	1.5	2.
3.4	21.3	1413.3	850.0	14.7	14.1	194.9	12.9	3.3	12.4	311.8	334.2	12.0	96.8	2.3	5.
4.6	23.8	1668.3	825.0	13.5	12.4	199.2	11.6	3.8	11.3	312.8	332.9	11.1	93.6	3.0	8.
5.6	26.3	1925.5	800.0	12.2	11.3	200.1	13.0	4.5	12.2	314.2	333.1	10.6	94.0	3.6	10.
6.7	29.0	2181.9	775.0	11.1	10.4	201.5	15.4	5.7	14.4	315.7	334.1	10.3	95.4	4.5	12.
7.6	31.6	2446.2	750.0	9.7	8.2	203.0	18.8	7.3	17.3	317.1	332.7	9.2	93.5	5.5	14.
8.6	34.1	2709.5	725.0	13.3	-41.8	205.7	23.8	10.2	21.4	314.1	316.6	0.1	1.0	6.8	16.
9.6	36.8	3382.3	700.0	11.6	-42.8	205.1	24.5	10.4	22.2	315.4	315.8	0.1	1.0	8.2	18.
10.6	39.4	3384.6	675.0	9.4	-44.1	204.4	25.0	10.7	23.0	316.2	316.6	0.1	1.0	9.7	19.
11.7	42.3	3655.9	650.0	7.2	-45.5	204.0	26.0	10.6	23.7	317.1	317.5	0.1	1.0	11.4	20.
12.9	45.1	3926.3	625.0	4.5	-47.2	204.4	27.9	11.5	25.4	317.6	317.9	0.1	1.0	13.4	20.
14.1	48.0	4196.4	600.0	1.5	-48.5	205.2	29.0	12.4	26.3	317.8	318.1	0.1	1.1	15.4	21.
15.3	51.0	4466.5	575.0	-1.8	-49.3	205.9	30.7	12.4	28.1	317.9	319.7	0.2	3.8	17.5	21.
16.5	54.0	4738.0	550.0	-4.5	-52.8	206.3	28.1	11.6	25.7	318.7	318.9	0.0	1.0	19.6	22.
17.7	57.1	5162.2	525.0	-7.2	-54.5	206.9	28.3	11.9	25.6	319.8	319.9	0.0	1.0	21.7	22.
19.1	61.1	5763.0	500.0	-10.5	-56.6	207.7	29.8	11.0	27.7	320.2	320.4	0.0	1.0	24.0	22.
20.4	63.6	6132.3	475.0	-13.6	-58.6	208.2	30.0	10.9	27.9	321.1	321.2	0.0	1.0	26.5	22.
21.7	66.9	6503.9	450.0	-16.8	-60.6	208.0	29.8	12.1	27.2	322.2	322.3	0.0	1.0	28.9	22.
23.3	70.4	6869.3	425.0	-20.4	-56.2	206.0	31.3	13.7	28.1	322.8	323.0	0.0	2.4	31.6	22.
24.7	74.3	7242.3	400.0	-23.6	-58.1	212.1	28.1	14.9	23.8	324.3	324.7	0.1	5.6	34.2	23.
26.3	77.7	7581.7	375.0	-26.7	-44.8	213.4	27.8	15.3	23.2	326.2	326.9	0.2	16.9	36.7	24.
24.0	81.5	8379.6	350.0	-30.6	-39.8	214.5	27.7	15.7	22.6	327.6	328.5	0.3	43.6	39.7	24.
25.9	85.5	9599.2	325.0	-33.9	-71.7	215.0	26.2	15.9	21.4	330.0	330.1	0.0	1.0	42.7	25.
32.3	93.4	9856.4	300.0	-38.7	-74.9	215.9	25.9	15.2	21.0	330.9	330.9	0.0	1.0	45.7	26.
34.2	94.2	10306.2	275.0	-43.3	99.9	213.9	23.7	13.2	19.7	332.6	999.9	99.9	999.9	49.0	26.
36.5	99.8	10783.3	250.0	-48.9	99.9	210.3	24.4	14.4	19.7	333.5	999.9	99.9	999.9	52.2	27.
39.8	103.9	11363.2	225.0	-54.5	99.9	221.7	24.8	16.5	18.5	334.9	999.9	99.9	999.9	55.5	28.
41.6	107.1	12113.8	200.0	-57.4	99.9	216.6	29.3	17.5	23.5	341.9	999.9	99.9	999.9	59.7	29.
44.2	115.3	12762.3	175.0	-63.4	99.9	214.4	29.0	16.4	23.9	345.3	999.9	99.9	999.9	64.3	29.
47.4	121.5	13596.5	150.0	-58.4	99.9	217.2	30.3	18.3	24.2	349.4	999.9	99.9	999.9	70.4	29.
51.0	124.5	15240.8	125.0	-59.6	99.9	219.5	24.3	15.3	19.1	387.2	999.9	99.9	999.9	75.8	30.
55.2	134.3	16430.1	100.0	-61.3	99.9	209.7	17.3	8.4	14.8	422.3	999.9	99.9	999.9	81.4	31.
60.9	149.3	19232.9	75.0	-55.4	99.9	216.9	9.0	5.4	7.2	456.8	999.9	99.9	999.9	85.2	31.
67.8	154.7	20830.8	50.0	-54.1	99.9	211.3	5.4	2.8	4.6	516.0	999.9	99.9	999.9	87.7	30.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TEMP HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
OMAHA, NEBRASKA

9 MAY 1979
2005 GMT

158 12- 0

PRES MB	ENTER	HEIGHT M	DPFS	TEMP C	DEW PT C	DIR DEG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	P O T K	E Q POT T D K	MR MIX GM/KG	RH PCT	RANGE KM	AZ DG
700	11.4	3130.	957.0	19.0	15.9	270.0	2.1	0.0	2.1	295.9	327.2	12.6	82.0	0.0	0.
7000.	11.4	3130.	1000.0	19.0	15.9	270.0	2.1	0.0	2.1	295.9	327.2	12.6	82.0	0.0	0.
6900.	11.4	3130.	1000.0	19.0	15.9	270.0	2.1	0.0	2.1	295.9	327.2	12.6	82.0	0.0	0.
700

STATION NO. 553
OMAHA, NEBRASKA

9 MAY 1979
2303 GMT

150 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.1	400.0	958.7	9.3	8.4	310.0	6.7	5.1	-4.3	285.9	304.5	7.2	94.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	10.9	475.7	950.0	8.7	7.8	999.9	99.9	99.9	99.9	286.1	304.2	7.0	93.6	999.9	999.
1.0	13.2	697.7	925.0	13.4	12.9	999.9	99.9	99.9	99.9	293.0	319.7	10.2	97.2	999.9	999.
1.8	15.6	931.3	900.0	16.8	16.4	999.9	99.9	99.9	99.9	298.8	333.8	13.2	97.6	999.9	999.
2.6	18.0	1172.3	875.0	16.5	16.1	999.9	99.9	99.9	99.9	301.0	336.5	13.3	97.6	999.9	999.
3.6	21.4	1489.8	850.0	15.5	15.1	999.9	99.9	99.9	99.9	302.4	336.9	12.8	97.6	999.9	999.
4.5	24.9	1673.5	825.0	14.2	13.7	999.9	99.9	99.9	99.9	303.6	336.4	12.1	97.2	999.9	999.
5.6	25.4	1933.9	800.0	13.2	12.2	190.7	17.6	3.3	17.3	305.2	336.1	11.3	93.6	3.0	10.
6.3	27.9	2201.2	775.0	11.9	10.5	195.4	19.8	5.2	19.1	306.6	335.3	10.4	91.2	4.8	11.
7.1	30.6	2475.9	750.0	10.7	7.6	196.1	20.3	5.6	19.5	308.2	332.9	8.8	81.5	5.0	12.
8.1	33.2	2758.1	725.0	9.0	4.7	197.7	21.3	6.5	20.3	309.3	330.6	7.5	74.6	6.2	13.
9.1	35.9	3048.8	700.0	6.5	0.2	202.8	22.0	8.5	20.3	309.7	330.8	7.4	85.2	7.5	14.
10.1	38.6	3346.4	675.0	4.2	2.3	205.9	21.8	9.5	19.6	310.3	329.7	6.7	87.7	8.9	16.
11.2	41.3	3652.5	650.0	1.5	-3.4	204.0	25.2	10.3	23.0	310.7	325.2	5.0	75.3	10.3	17.
12.3	44.2	3970.2	625.0	4.1	-47.4	201.6	28.1	10.3	26.1	317.1	317.4	0.1	1.0	12.1	18.
13.3	47.1	4297.4	600.0	1.1	-46.3	202.9	27.9	10.8	25.7	317.4	317.6	0.1	1.0	13.9	18.
14.5	50.0	4634.5	575.0	-1.9	-51.1	205.9	27.7	12.1	24.9	317.8	318.0	0.1	1.0	15.7	19.
15.6	53.0	4980.7	550.0	-5.4	-53.3	208.3	27.5	13.0	24.2	317.7	317.9	0.0	1.0	17.6	20.
16.9	56.0	5336.4	525.0	-6.7	-47.8	207.0	27.7	13.4	24.3	318.0	318.4	0.1	2.5	19.5	21.
17.9	59.1	5702.1	500.0	-11.7	-57.3	209.9	29.5	14.7	25.6	318.8	318.9	0.0	1.0	21.5	22.
19.5	62.4	6121.1	475.0	-13.5	-58.5	209.6	27.6	13.2	24.2	321.3	321.4	0.0	1.0	24.1	23.
21.2	65.7	6524.3	450.0	-17.3	-60.9	206.2	27.6	12.2	24.8	321.5	321.6	0.0	1.0	26.9	23.
23.0	69.1	6955.2	425.0	-19.9	-62.6	209.7	26.6	13.2	23.1	323.4	323.5	0.0	1.0	29.9	23.
25.1	72.7	7401.4	400.0	-23.4	-65.5	214.5	27.2	15.4	22.5	324.5	325.1	0.2	10.7	33.1	24.
26.8	76.3	7871.0	375.0	-25.8	-51.9	214.8	27.2	15.5	22.3	326.2	326.5	0.1	7.3	35.9	25.
28.8	80.0	8365.5	350.0	-29.9	-69.1	215.8	29.5	17.2	23.9	328.4	328.5	0.0	1.0	39.8	26.
30.9	84.0	8887.7	325.0	-34.4	-72.1	218.1	30.9	19.1	24.4	329.2	329.3	0.0	1.0	41.8	27.
32.1	87.0	9262.4	300.0	-39.1	-75.2	219.8	28.1	18.0	21.8	330.2	330.2	0.0	1.0	45.2	28.
34.5	92.4	10032.5	275.0	-44.3	99.9	220.7	30.4	19.8	23.1	331.8	999.9	99.9	999.9	49.3	29.
36.9	97.0	10753.0	250.0	-49.7	99.9	219.9	27.2	17.5	20.9	332.2	999.9	99.9	999.9	53.1	30.
39.3	101.8	11505.7	225.0	-54.6	99.9	221.1	31.1	20.5	23.4	334.8	999.9	99.9	999.9	57.3	30.
42.3	107.0	12348.3	200.0	-60.5	99.9	226.7	29.8	21.7	20.4	337.8	999.9	99.9	999.9	61.9	31.
44.9	112.5	13212.0	175.0	-62.5	99.9	225.6	26.7	19.1	18.7	346.7	999.9	99.9	999.9	66.9	33.
47.9	118.5	13963.2	150.0	-62.1	99.9	217.9	29.8	17.8	22.9	363.1	999.9	99.9	999.9	71.9	33.
51.4	125.3	15309.8	125.0	-59.4	99.9	219.7	25.7	16.4	19.8	387.4	999.9	99.9	999.9	78.3	34.
56.6	133.0	16384.4	100.0	-61.9	99.9	215.6	17.1	9.9	13.9	408.1	999.9	99.9	999.9	85.3	34.
62.3	141.5	18193.4	75.0	-59.8	99.9	221.9	11.8	7.9	8.8	449.7	999.9	99.9	999.9	89.2	35.
69.8	151.0	20760.5	50.0	-55.0	99.9	271.4	6.0	6.0	-0.1	513.9	999.9	99.9	999.9	93.3	35.
82.2	161.5	25231.5	25.0	-50.1	99.9	999.9	99.9	99.9	99.9	648.9	999.9	99.9	999.9	91.7	36.

* HV SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* AT TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** FT SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
OMAHA, NEBRASKA

10 MAY 1979
206 GMT

156 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	15.6	930.3	963.2	7.1	5.9	340.0	8.8	3.0	-8.3	283.5	299.2	6.1	92.0	0.0	0.
99.9	9.9	9.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	11.5	999.2	950.0	7.3	6.3	999.9	99.9	99.9	99.9	284.6	301.0	6.3	93.1	999.9	999.
1.2	14.3	957.3	925.0	5.7	5.3	999.9	99.9	99.9	99.9	285.1	300.8	6.1	97.2	999.9	999.
1.7	14.4	935.1	900.0	13.6	13.1	999.9	99.9	99.9	99.9	295.5	323.7	10.7	97.2	999.9	999.
2.5	17.9	1175.4	875.0	16.1	15.7	999.9	99.9	99.9	99.9	330.5	335.1	11.0	97.6	999.9	999.
3.3	21.3	1423.1	850.0	15.3	15.0	999.9	99.9	99.9	99.9	302.2	336.5	12.8	98.2	999.9	999.
4.1	21.9	1670.6	825.0	14.0	13.8	999.9	99.9	99.9	99.9	303.4	336.2	12.1	98.6	999.9	999.
5.0	24.3	1917.7	800.0	12.6	12.3	999.9	99.9	99.9	99.9	304.6	335.7	11.4	99.4	999.9	999.
5.8	27.9	2223.5	775.0	11.3	11.2	999.9	99.9	99.9	99.9	305.9	335.5	10.7	98.2	999.9	999.
6.6	31.6	2477.7	750.0	9.6	9.3	999.9	99.9	99.9	99.9	307.0	334.5	9.9	98.0	6.3	0.
7.7	36.2	2754.2	725.0	8.3	7.6	197.0	18.2	5.3	17.4	308.2	333.8	9.1	97.7	5.2	2.
8.3	37.0	3044.7	700.0	6.2	5.4	205.2	18.3	7.8	16.5	309.4	333.0	8.3	97.6	6.5	7.
9.9	39.7	3346.5	675.0	4.6	4.2	209.4	20.6	8.9	18.6	310.8	332.8	7.7	97.7	7.4	9.
10.7	42.2	3653.2	650.0	2.2	1.9	211.5	21.6	8.6	19.8	311.4	330.9	6.7	97.4	8.5	11.
11.4	44.4	3965.7	625.0	-2.2	-21.3	198.4	25.8	8.1	24.5	312.2	320.4	2.8	44.2	10.1	13.
12.2	46.3	4283.1	600.0	-2.1	-50.3	196.7	28.9	8.3	27.7	316.0	316.2	0.1	1.0	12.4	13.
13.5	51.3	4603.7	575.0	-2.7	-51.7	198.7	28.6	9.2	27.1	316.8	317.0	0.1	1.0	14.6	14.
14.3	54.4	4928.2	550.0	-5.4	-53.4	202.1	28.5	10.7	26.4	317.7	317.8	0.0	1.0	16.9	15.
17.1	57.5	5258.3	525.0	-8.1	-55.2	205.0	28.9	12.2	26.2	318.7	318.9	0.0	1.0	19.0	16.
18.2	62.5	5592.1	500.0	-9.2	-55.8	205.6	28.0	12.1	25.2	321.8	321.9	0.0	1.0	20.9	17.
19.6	64.2	5929.2	475.0	-12.3	-57.7	206.5	28.1	11.7	25.6	322.7	322.9	0.0	1.0	22.9	17.
20.7	67.6	6271.3	450.0	-16.1	-62.9	207.3	25.0	11.5	22.2	323.0	323.8	0.2	8.0	24.8	18.
22.2	72.9	6619.1	425.0	-19.2	-38.5	212.6	26.3	14.2	22.1	324.4	326.0	0.5	24.1	27.2	19.
24.0	78.4	7937.1	400.0	-22.5	-67.6	214.7	25.9	14.7	21.3	325.7	326.2	0.1	8.2	29.9	21.
25.9	79.2	7377.7	375.0	-25.6	-66.3	213.6	24.1	13.3	20.0	327.8	327.8	0.0	1.0	32.5	22.
27.6	82.0	7373.4	350.0	-29.8	-63.1	218.5	23.3	14.5	18.2	328.8	328.9	0.0	2.3	35.0	23.
29.6	84.2	8098.6	325.0	-33.5	-71.5	217.5	25.6	15.6	20.3	330.5	330.5	0.0	1.0	37.6	24.
31.6	91.3	8456.7	300.0	-37.4	-74.1	216.0	26.3	15.5	21.3	332.6	332.6	0.0	1.0	40.9	25.
33.9	96.8	8850.3	275.0	-42.3	99.9	213.1	27.8	15.2	23.3	334.0	999.9	99.9	999.9	44.4	26.
34.5	99.5	9287.3	250.0	-47.7	99.9	212.5	28.1	15.1	23.7	335.2	999.9	99.9	999.9	49.0	26.
34.9	104.6	9779.2	225.0	-53.8	99.9	214.2	30.3	17.1	25.1	336.7	999.9	99.9	999.9	52.9	27.
41.1	111.3	10321.6	200.0	-59.0	99.9	216.5	29.6	23.6	31.9	339.3	999.9	99.9	999.9	57.5	27.
43.5	117.3	10944.3	175.0	-64.9	99.9	223.6	37.8	26.1	27.4	342.9	999.9	99.9	999.9	62.8	28.
45.3	122.3	11593.4	150.0	-64.2	99.9	216.3	32.1	19.0	25.9	359.5	999.9	99.9	999.9	67.9	30.
49.3	127.1	12323.1	125.0	-63.8	99.9	222.2	25.5	17.1	18.9	385.0	999.9	99.9	999.9	74.8	30.
54.3	137.3	13139.6	100.0	-63.6	99.9	220.8	19.1	12.6	14.5	410.8	999.9	99.9	999.9	81.0	31.
62.1	145.7	14207.3	75.0	-58.5	99.9	228.1	11.4	8.5	7.6	450.2	999.9	99.9	999.9	85.8	32.
68.3	156.7	23771.9	50.0	-56.1	99.9	143.7	4.7	-2.8	3.8	511.3	999.9	99.9	999.9	88.3	32.
82.7	165.7	25213.6	25.0	-52.3	99.9	80.6	1.8	-1.8	-0.3	634.8	999.9	99.9	999.9	87.8	32.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
OMAHA, NEBRASKA

10 MAY 1979
503 GMT

197 23. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PUT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.8	400.0	981.0	5.8	4.5	350.0	9.3	1.6	-9.2	281.7	295.9	5.5	94.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	11.9	694.2	950.0	4.9	4.2	999.9	99.9	99.9	99.9	282.2	296.3	5.5	95.0	999.9	999.
1.1	14.3	711.5	925.0	4.5	4.3	999.9	99.9	99.9	99.9	283.9	298.5	5.7	96.5	999.9	999.
1.9	16.7	938.3	900.0	10.1	9.9	999.9	99.9	99.9	99.9	292.8	314.4	8.6	96.3	999.9	999.
2.7	19.1	1174.9	875.0	13.5	13.3	999.9	99.9	99.9	99.9	297.8	327.2	11.1	98.7	999.9	999.
3.6	21.5	1420.3	850.0	13.7	13.6	999.9	99.9	99.9	99.9	300.5	331.8	11.6	99.2	999.9	999.
4.4	24.0	1672.1	825.0	12.7	9.6	999.9	99.9	99.9	99.9	302.0	327.0	9.1	81.2	999.9	999.
5.4	26.6	1930.6	800.0	11.4	9.1	173.0	20.9	-2.5	20.8	303.3	329.4	9.1	85.4	2.8	359.
6.8	29.1	2196.4	775.0	10.7	9.2	176.8	17.8	-1.0	17.7	305.4	331.5	9.5	89.9	3.9	357.
7.4	31.8	2469.7	750.0	9.1	6.0	188.4	18.2	2.7	18.0	306.4	328.6	7.9	81.3	4.9	359.
8.4	34.4	2750.3	725.0	7.2	3.0	194.8	18.9	4.8	18.3	307.4	326.1	6.6	74.6	6.0	1.
9.0	37.1	3038.7	700.0	5.7	1.2	201.1	19.8	7.1	18.4	308.4	326.0	6.0	72.6	7.2	0.
10.5	39.9	3336.6	675.0	6.0	-8.9	199.7	26.1	8.8	24.6	312.4	321.2	2.9	33.6	8.6	7.
11.5	42.6	3645.3	650.0	4.9	-19.7	196.8	29.9	8.6	28.6	314.5	318.5	1.2	14.8	10.3	9.
12.6	45.4	3965.6	625.0	2.3	-21.9	197.2	32.6	9.6	31.1	315.1	318.6	1.1	14.6	12.2	10.
13.6	48.4	4297.6	600.0	0.2	-26.6	201.9	34.1	12.7	31.6	316.4	318.8	0.7	11.2	14.4	11.
14.8	51.4	4643.1	575.0	-2.2	-24.5	203.3	36.1	14.3	33.2	317.4	320.4	0.9	16.3	16.8	13.
15.9	54.4	4752.0	550.0	-5.3	-26.7	200.7	37.0	13.1	34.6	317.8	320.4	0.8	16.6	19.2	14.
17.1	57.5	5343.9	525.0	-9.8	-22.9	192.9	36.2	12.3	34.1	318.0	321.9	1.2	31.1	21.8	15.
18.4	60.6	5720.9	500.0	-11.6	-19.6	197.5	38.0	11.4	36.3	319.0	324.2	1.6	51.2	24.7	15.
19.7	63.9	6111.9	475.0	-10.5	-20.3	199.7	35.1	11.8	33.1	320.0	325.2	1.6	61.3	27.7	16.
21.3	67.3	6520.4	450.0	-16.3	-19.7	206.6	30.2	13.5	27.0	322.8	328.6	1.8	74.7	30.8	16.
22.3	70.7	6946.3	425.0	-19.9	-20.9	208.9	32.0	15.5	28.9	323.5	329.1	1.7	91.5	32.4	17.
23.6	74.3	7390.5	400.0	-22.0	-24.5	215.0	31.6	18.1	25.9	326.4	330.8	1.3	79.7	34.8	18.
25.2	78.0	7854.8	375.0	-25.0	-28.4	213.5	33.4	18.5	27.9	328.5	331.8	1.0	73.0	37.8	20.
26.7	81.8	8340.7	350.0	-28.8	-36.0	206.0	33.2	14.5	29.8	329.9	332.1	0.8	60.4	40.8	20.
24.5	85.8	8852.4	325.0	-33.0	-38.0	203.0	33.4	13.0	30.8	331.2	332.8	0.4	60.6	44.4	21.
33.3	90.0	9453.3	300.0	-37.9	-46.4	208.7	36.8	17.7	32.3	332.0	332.8	0.2	39.9	48.1	21.
32.2	94.4	10043.6	275.0	-42.5	99.9	219.9	28.8	18.5	22.0	333.6	999.9	99.9	999.9	51.8	22.
34.3	99.2	10680.3	250.0	-47.8	99.9	225.4	27.4	19.5	19.2	335.0	999.9	99.9	999.9	54.9	23.
36.4	104.3	11366.3	225.0	-53.7	99.9	226.4	28.8	20.9	19.9	336.3	999.9	99.9	999.9	58.1	24.
38.1	109.5	12112.7	200.0	-60.2	99.9	225.2	37.6	26.7	26.5	337.5	999.9	99.9	999.9	62.8	26.
41.5	115.3	12934.3	175.0	-64.5	99.9	231.9	40.6*	32.0	25.1	343.5	999.9	99.9	999.9	68.6	28.
44.4	121.7	13868.9	150.0	-66.2	99.9	224.2	35.9*	25.0	25.7	356.1	999.9	99.9	999.9	75.2	30.
47.9	129.7	14926.0	125.0	-60.8	99.9	215.9	21.3*	12.5	17.2	385.0	999.9	99.9	999.9	80.5	31.
52.3	136.7	16387.5	100.0	-61.2	99.9	226.1	16.3	11.7	11.3	409.6	999.9	99.9	999.9	85.9	31.
57.3	145.3	18175.4	75.0	-60.9	99.9	213.1	10.0	5.8	8.4	445.3	999.9	99.9	999.9	89.7	32.
65.0	155.0	20726.9	50.0	-58.4	99.9	180.4	4.2	-1.4	3.9	505.8	999.9	99.9	999.9	92.0	32.
78.5	165.0	25138.6	25.0	-51.9	99.9	27.7	4.7	-2.2	-4.2	635.3	999.9	99.9	999.9	91.5	32.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 953
OMAHA, NEBRASKA

10 MAY 1979
804 GMT

1SU 22. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.7	403.0	960.9	4.9	3.9	10.0	6.2	-1.1	-6.1	281.2	294.8	5.3	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.0	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	11.7	693.3	950.0	4.6	3.8	999.9	99.9	99.9	99.9	281.9	295.6	5.3	94.4	999.9	999.
1.0	14.0	713.3	925.0	3.6	3.2	999.9	99.9	99.9	99.9	283.8	296.6	5.2	97.5	999.9	999.
1.8	16.4	936.8	900.0	9.7	9.4	999.9	99.9	99.9	99.9	291.5	313.2	8.3	98.3	0.0	199.
2.6	19.7	1173.2	875.0	13.3	13.0	999.9	99.9	99.9	99.9	297.6	326.5	10.9	98.1	999.9	999.
3.5	21.1	1414.3	850.0	13.6	13.6	999.9	99.9	99.9	99.9	300.6	331.7	11.6	98.8	999.9	999.
4.3	23.5	1670.9	825.0	13.2	13.0	999.9	99.9	99.9	99.9	302.5	333.7	11.5	98.5	999.9	999.
5.2	25.9	1933.3	800.0	11.7	11.6	999.9	99.9	99.9	99.9	303.7	333.2	10.9	99.3	2.8	13.
6.1	28.4	2196.3	775.0	10.1	9.8	200.4	20.6	7.2	19.3	304.7	331.9	9.9	98.2	4.0	17.
7.1	31.2	2468.6	750.0	8.3	8.0	202.9	22.3	8.7	20.5	305.6	330.7	9.1	98.2	5.2	18.
8.0	33.4	2747.0	725.0	6.8	5.6	208.9	24.3	11.8	21.3	306.9	329.2	7.9	92.3	6.5	19.
8.8	36.0	3036.7	700.0	4.4	3.7	211.1	30.1	15.6	25.8	307.4	327.6	7.1	94.6	7.9	22.
9.9	38.7	3333.3	675.0	4.4	-10.0	208.7	34.6	16.6	30.4	310.6	318.7	2.7	34.4	9.9	23.
10.9	41.3	3640.3	650.0	3.4	-14.6	203.0	37.8	14.8	34.8	312.9	318.8	1.9	25.3	12.1	24.
11.9	44.3	3957.3	625.0	1.3	-11.4	199.2	38.2	12.6	36.1	314.0	321.6	2.5	36.7	14.4	23.
12.9	46.9	4284.7	600.0	-0.4	-14.6	194.6	37.8	9.5	36.5	315.6	322.1	2.1	33.3	16.7	23.
14.3	49.7	4623.5	575.0	-2.7	-32.0	188.7	34.1	5.2	33.7	316.9	318.5	0.5	8.5	18.9	21.
15.3	52.6	4974.3	550.0	-5.3	-33.6	187.1	35.7	4.4	35.4	317.8	319.2	0.4	8.7	21.9	20.
16.1	55.5	5337.5	525.0	-7.5	-36.0	190.6	30.5	5.6	29.9	319.4	320.1	2.1	50.6	23.1	19.
17.2	58.5	5716.2	500.0	-9.8	-17.0	202.2	27.6	10.4	25.5	321.2	327.7	2.0	55.6	25.1	18.
18.5	61.6	6110.1	475.0	-12.9	-19.2	213.4	22.5	12.4	18.8	322.0	327.7	1.8	59.3	26.9	19.
20.0	64.9	6517.5	450.0	-16.4	-21.9	218.4	23.7	14.7	18.5	322.6	327.4	1.5	62.2	28.9	20.
21.5	68.1	6947.0	425.0	-19.4	-23.6	217.2	21.6	13.1	17.2	324.1	328.6	1.3	69.2	30.8	21.
22.8	71.8	7395.5	400.0	-22.1	-24.2	205.9	20.2	8.8	18.2	326.3	330.8	1.3	82.5	32.4	22.
24.3	75.0	7866.7	375.0	-25.5	-27.5	192.1	22.1	4.6	21.6	327.8	331.4	1.1	83.8	34.3	22.
26.2	78.7	8363.9	350.0	-29.5	-32.9	190.8	23.3	4.4	22.9	329.1	331.4	0.7	71.5	36.6	21.
27.6	82.5	8888.8	325.0	-33.1	-37.3	189.5	18.9	3.1	18.7	331.0	332.7	0.5	66.2	38.5	21.
29.4	86.4	9446.6	300.0	-37.9	-41.7	187.5	23.4	3.1	23.2	332.6	333.2	0.3	67.8	40.8	20.
31.4	90.5	10040.6	275.0	-42.2	99.9	192.8	25.2	5.6	24.6	334.1	999.9	99.9	999.9	43.7	19.
33.7	95.0	10677.7	250.0	-47.4	99.9	202.7	27.1	10.4	25.0	335.5	999.9	99.9	999.9	47.3	19.
35.9	99.8	11367.0	225.0	-52.5	99.9	215.6	32.1	18.7	26.1	338.0	999.9	99.9	999.9	51.0	20.
38.1	104.6	12115.5	200.0	-59.8	99.9	217.9	38.9	23.9	30.7	338.1	999.9	99.9	999.9	55.5	21.
41.1	110.0	12935.7	175.0	-66.1	99.9	227.8	39.8	29.5	26.8	340.8	999.9	99.9	999.9	60.9	24.
43.9	115.8	13849.4	150.0	-62.9	99.9	227.7	33.3	24.6	22.4	361.7	999.9	99.9	999.9	67.2	26.
47.6	122.3	15009.2	125.0	-60.4	99.9	218.8	23.9	14.7	18.8	385.6	999.9	99.9	999.9	72.8	27.
52.2	129.7	16403.5	100.0	-60.2	99.9	226.7	16.3	11.8	11.2	411.5	999.9	99.9	999.9	78.7	28.
58.1	138.0	18198.8	75.0	-59.7	99.9	223.4	7.6	5.2	5.5	447.8	999.9	99.9	999.9	82.2	29.
66.6	148.0	20744.3	50.0	-58.3	99.9	128.5	5.2	-4.1	3.1	506.2	999.9	99.9	999.9	85.4	29.
81.3	159.5	25165.6	25.0	-52.8	99.9	183.1	7.2	0.4	7.2	633.1	999.9	99.9	999.9	88.2	29.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
+ BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 553
OMAHA, NEBRASKA

18 MAY 1979
1112 GMT

154 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.5	400.0	961.2	5.2	4.5	330.0	3.6	1.8	-3.1	281.5	295.6	5.5	95.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	10.6	695.9	950.0	4.4	3.8	999.9	99.9	99.9	99.9	281.6	295.2	5.3	96.0	999.9	999.
1.1	13.0	712.6	925.0	3.2	2.7	999.9	99.9	99.9	99.9	282.6	295.6	5.0	96.3	999.9	999.
1.9	15.3	930.2	900.0	7.1	6.7	999.9	99.9	99.9	99.9	286.9	306.9	6.9	97.1	999.9	999.
2.6	17.8	1169.6	875.0	9.1	8.6	999.9	99.9	99.9	99.9	293.2	314.6	8.1	97.2	999.9	999.
3.5	20.2	1410.4	850.0	9.1	8.6	999.9	99.9	99.9	99.9	295.6	317.8	8.3	97.8	999.9	999.
4.3	22.7	1658.2	825.0	9.5	9.0	999.9	99.9	99.9	99.9	297.6	319.7	8.2	96.8	999.9	999.
5.1	25.2	1913.9	800.0	9.5	9.0	999.9	99.9	99.9	99.9	301.3	326.0	9.1	96.6	999.9	999.
5.9	27.8	2178.3	775.0	9.7	9.1	999.9	99.9	99.9	99.9	304.2	330.2	9.5	96.3	2.7	18.
7.0	30.6	2453.3	750.0	9.1	-0.5	185.8	29.8	3.0	29.7	306.4	320.5	4.9	51.5	4.7	13.
8.4	33.0	2731.4	725.0	8.6	-5.9	184.4	28.5	2.2	28.4	308.9	319.6	3.4	35.3	7.0	10.
9.3	35.7	3020.4	700.0	8.3	-6.9	186.6	29.5	3.4	29.3	309.5	319.2	3.3	38.0	8.6	9.
10.2	38.3	3317.7	675.0	8.4	-8.0	191.4	29.6	5.9	29.1	310.6	319.9	3.1	39.8	9.8	9.
10.7	41.1	3623.7	650.0	2.2	-9.7	199.2	28.4	9.3	26.8	311.4	320.0	2.8	41.0	11.1	10.
11.7	44.0	3934.3	625.0	1.2	-19.7	210.7	26.1	13.1	22.4	313.8	317.9	1.3	15.9	12.6	12.
12.9	46.9	4260.9	600.0	-1.0	-22.4	218.1	27.7	17.1	21.8	315.0	318.5	1.1	17.8	14.4	15.
14.1	49.8	4605.0	575.0	-3.5	-18.6	224.7	27.7	19.5	19.7	315.9	320.9	1.5	30.2	16.2	18.
15.0	52.8	4956.8	550.0	-6.3	-16.3	224.7	27.3	19.2	19.4	316.7	322.8	1.9	44.8	17.6	20.
16.1	55.9	5314.4	525.0	-9.3	-14.7	219.6	26.4	16.8	20.3	317.3	324.6	2.3	60.6	19.0	22.
17.0	59.0	5692.5	500.0	-11.9	-14.6	211.3	25.9	13.4	22.1	318.5	326.2	2.5	80.2	20.6	23.
18.4	62.3	6086.0	475.0	-14.3	-16.8	204.0	23.1	9.4	21.1	320.3	327.2	2.2	80.7	22.5	24.
19.6	65.6	6492.1	450.0	-16.8	-19.5	206.0	23.3	10.2	20.9	322.1	327.9	1.8	79.4	24.1	24.
20.9	69.0	6919.6	425.0	-19.5	-22.4	207.7	25.8	12.0	22.8	324.0	328.9	1.5	77.7	26.0	24.
22.1	72.6	7368.0	400.0	-22.3	-26.1	205.8	22.3	9.7	20.0	326.0	329.8	1.1	71.2	27.9	24.
23.6	76.3	7839.0	375.0	-26.0	-30.0	207.3	22.8	10.4	20.2	327.2	330.1	0.8	68.8	29.8	24.
25.0	80.1	8334.9	350.0	-29.6	-33.9	199.9	20.5	7.0	19.3	328.8	331.0	0.6	66.0	31.7	24.
26.6	84.0	8858.4	325.0	-34.1	-39.7	189.4	18.8	3.1	18.6	329.6	331.0	0.4	56.6	33.4	24.
28.3	88.2	9414.8	300.0	-39.0	-44.3	197.3	24.3	7.1	23.2	331.8	332.7	0.2	53.2	35.4	23.
30.3	92.5	10006.7	275.0	-42.6	-46.3	208.5	25.3	12.1	22.3	333.6	999.9	99.9	999.9	38.0	23.
32.3	97.0	10644.2	250.0	-48.0	-49.4	210.5	30.8	15.6	26.5	334.7	999.9	99.9	999.9	41.4	24.
34.3	101.8	11329.1	225.0	-54.5	-59.9	211.9	33.4	17.7	28.4	335.0	999.9	99.9	999.9	45.1	24.
36.2	107.0	12071.9	200.0	-60.9	-69.9	216.6	39.2	23.4	31.5	336.3	999.9	99.9	999.9	49.8	25.
38.9	112.5	12858.7	175.0	-67.5	-93.9	224.0	39.8	27.8	28.7	338.5	999.9	99.9	999.9	56.2	27.
42.0	118.5	13632.7	150.0	-56.3	-99.9	223.3	29.6	20.3	21.6	372.8	999.9	99.9	999.9	62.2	29.
46.2	125.0	14980.8	125.0	-59.0	-99.9	223.8	22.6	15.7	16.3	388.2	999.9	99.9	999.9	68.4	30.
50.7	132.0	16376.6	100.0	-60.5	99.9	222.7	15.0	10.2	11.0	410.8	999.9	99.9	999.9	73.4	31.
56.9	140.0	18164.9	75.0	-59.0	99.9	193.2	10.1	2.3	9.8	440.3	999.9	99.9	999.9	77.1	31.
65.0	149.5	20719.5	50.0	-57.4	99.9	234.0	5.4	4.4	3.2	508.3	999.9	99.9	999.9	79.8	31.
76.6	157.3	25153.6	25.0	-52.2	99.9	999.9	99.9	99.9	99.9	635.1	999.9	99.9	999.9	78.9	31.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 582
NORTH PLATTE, NEBRASKA

9 MAY 1979
1105 GMT

1ST 12. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.1	947.0	939.2	3.9	0.6	30.0	9.3	-4.6	-8.1	284.8	296.4	4.4	79.0	0.0	0.
99.9	99.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	15.9	820.7	900.0	2.9	2.1	30.6	14.3	-7.3	-12.3	284.5	297.7	5.1	95.5	0.4	227.
1.0	15.4	1166.4	875.0	1.2	1.2	37.7	15.1	-9.2	-12.0	285.1	297.6	4.8	99.9	0.9	213.
1.9	20.9	1392.5	850.0	3.4	3.4	56.5	11.1	-9.2	-6.1	289.7	305.0	5.8	99.0	1.7	219.
2.7	23.5	1620.1	825.0	4.2	4.1	59.1	5.3	-4.6	-2.7	293.0	309.8	6.3	99.4	2.9	223.
3.6	25.1	1847.1	800.0	5.5	4.4	15.2	5.2	-1.3	-5.0	297.1	315.0	6.6	92.2	2.1	223.
4.3	25.6	2137.5	775.0	6.0	1.0	342.0	6.8	2.1	-6.5	300.3	315.2	5.3	70.1	2.4	217.
5.3	31.3	2435.4	750.0	6.0	0.2	323.3	6.4	2.6	-3.5	300.9	315.5	5.2	76.4	2.6	209.
6.2	34.1	2691.6	725.0	3.2	2.3	241.4	6.1	3.6	2.0	303.0	320.5	6.3	93.5	2.6	207.
7.2	35.9	2966.6	700.0	2.9	2.8	205.6	10.9	4.7	9.8	305.7	324.7	6.7	99.0	2.1	206.
8.2	37.6	3263.7	675.0	1.4	1.2	999.9	99.9	99.9	99.9	307.3	325.0	6.2	98.3	999.9	999.
9.2	42.4	3564.7	650.0	-0.1	-1.4	999.9	99.9	99.9	99.9	308.9	324.4	5.4	91.1	999.9	999.
10.2	45.3	3871.1	625.0	-3.3	-9.0	999.9	99.9	99.9	99.9	312.1	321.5	3.1	52.0	999.9	999.
11.1	47.2	4234.6	600.3	-2.7	-10.0	999.9	99.9	99.9	99.9	313.0	322.1	3.0	57.1	999.9	999.
12.1	51.3	4543.9	575.0	-5.4	-10.5	999.9	99.9	99.9	99.9	313.7	322.8	3.0	67.3	999.9	999.
13.	54.3	4944.1	550.0	-8.3	-11.2	999.9	99.9	99.9	99.9	314.3	323.4	3.0	79.3	999.9	999.
14.0	57.5	5287.7	525.0	-11.1	-12.7	999.9	99.9	99.9	99.9	315.0	323.5	2.7	88.0	999.9	999.
14.8	60.7	5623.4	500.0	-13.5	-16.0	999.9	99.9	99.9	99.9	316.6	323.5	2.2	81.0	999.9	999.
15.6	64.3	6039.8	475.0	-15.6	-21.4	999.9	99.9	99.9	99.9	318.6	323.3	1.4	60.9	999.9	999.
16.1	67.4	6415.3	450.0	-17.8	-31.5	999.9	99.9	99.9	99.9	320.9	322.9	0.6	28.8	999.9	999.
23.4	72.9	6481.3	425.0	-20.8	-32.9	999.9	99.9	99.9	99.9	322.3	324.2	0.6	33.0	999.9	999.
21.4	74.5	7298.9	400.0	-23.7	-36.0	999.9	99.9	99.9	99.9	324.2	325.7	0.4	31.2	999.9	999.
23.5	78.3	7755.2	375.0	-27.2	-41.0	999.9	99.9	99.9	99.9	325.6	326.7	0.3	25.5	28.4	23.
25.1	82.1	8268.4	350.0	-31.0	-48.3	207.4	37.5	17.2	33.3	326.9	327.5	0.1	15.3	31.9	23.
26.9	87.2	8773.0	325.0	-35.3	-49.4	207.8	37.2	17.3	32.9	328.0	328.5	0.1	21.9	35.9	24.
28.7	90.3	9321.4	300.0	-40.7	99.9	209.5	38.0	18.8	33.1	328.1	999.9	99.9	999.9	40.1	24.
30.7	94.9	9937.3	275.0	-45.5	99.9	210.8	36.7	18.8	31.5	329.3	999.9	99.9	999.9	44.6	25.
32.9	99.4	10533.6	250.0	-51.0	99.9	209.6	37.8	18.7	32.9	330.3	999.9	99.9	999.9	49.3	26.
35.2	104.4	11212.1	225.0	-56.8	99.9	207.3	38.8	17.8	34.5	331.4	999.9	99.9	999.9	54.9	26.
37.9	109.6	11950.6	200.0	-61.3	99.9	208.7	35.5*	17.0	31.2	335.7	999.9	99.9	999.9	60.9	26.
40.5	115.5	12773.7	175.0	-62.8	99.9	216.1	36.2*	21.4	29.3	346.3	999.9	99.9	999.9	66.7	27.
43.7	121.8	13736.5	150.0	-55.9	99.9	211.6	32.4*	17.0	27.6	373.7	999.9	99.9	999.9	72.4	27.
47.5	128.9	14838.1	125.0	-57.0	99.9	214.5	22.8*	12.9	18.8	391.9	999.9	99.9	999.9	79.3	28.
52.3	136.7	15911.0	100.0	-59.1	99.9	210.7	15.4*	7.9	13.2	413.5	999.9	99.9	999.9	85.1	28.
58.1	145.7	16129.1	75.0	-55.5	99.9	187.7	8.9	-1.9	8.7	456.7	999.9	99.9	999.9	88.9	28.
66.2	156.0	23705.4	50.0	-53.6	99.9	232.0	10.2	8.0	6.3	517.1	999.9	99.9	999.9	92.8	28.
78.6	166.5	25194.8	25.0	-49.2	99.9	999.9	99.9	99.9	99.9	663.6	999.9	99.9	999.9	97.1	28.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
# BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
NORTH PLATTE, NEBRASKA

9 MAY 1979
1405 GMT

149 10. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.0	967.0	909.2	6.6	0.6	60.0	8.2	-5.3	-6.3	295.2	296.8	6.6	76.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	14.8	2296.7	900.0	1.6	0.9	30.0	9.8	-5.5	-8.1	283.1	295.8	6.5	97.7	0.6	235.
1.0	17.0	1155.7	875.0	-0.3	-0.3	36.6	9.5	-5.7	-7.6	283.5	296.7	6.3	102.2	0.8	218.
1.7	19.3	1317.3	850.0	-1.8	-1.8	47.7	9.1	-6.7	-6.1	284.2	296.7	3.9	102.0	1.1	214.
2.5	21.5	1476.1	825.0	0.8	0.8	70.6	8.1	-7.7	-2.8	289.4	302.6	4.9	102.3	1.5	220.
3.4	23.9	1873.9	800.0	1.3	1.3	42.5	3.4	-2.3	-2.5	292.5	306.7	5.3	102.4	1.8	226.
4.3	26.2	2131.9	775.0	0.8	-0.2	355.6	5.3	0.4	-5.3	299.0	312.7	4.9	75.5	1.8	219.
5.2	28.5	2392.2	750.0	3.7	-4.1	340.2	5.4	1.8	-5.0	300.6	311.4	3.8	56.7	2.3	212.
6.2	30.9	2653.5	725.0	1.5	-5.4	305.7	3.5	2.9	-2.1	301.1	311.3	3.5	60.0	2.2	206.
7.1	33.4	2756.1	700.0	0.3	-1.1	288.0	5.5	3.4	4.3	302.8	317.1	5.1	93.5	2.1	204.
8.1	35.9	3267.7	675.0	-0.9	-1.4	208.8	13.2	6.3	11.6	306.7	319.3	5.1	95.6	1.5	203.
9.1	38.4	3530.9	650.0	-0.5	-4.9	217.5	12.8	7.8	10.1	308.4	320.4	4.1	72.6	0.7	190.
10.1	41.0	3802.9	625.0	-1.9	-9.4	228.1	14.2	10.3	9.9	310.3	319.4	3.0	56.5	0.4	127.
11.1	43.6	4196.4	600.0	-3.9	-12.4	199.2	29.9	9.8	28.2	311.6	319.2	2.5	51.6	1.3	69.
12.2	46.2	4521.5	575.0	-6.0	-16.1	196.1	40.4	11.2	38.8	313.0	319.9	1.9	44.7	3.7	25.
13.4	47.3	4468.2	560.0	-8.0	-18.0	197.2	35.6	10.5	34.0	314.7	320.0	1.7	44.1	6.4	22.
14.6	51.4	5223.6	525.3	-9.9	-23.7	193.5	36.2	8.5	35.2	316.5	320.0	1.1	31.4	9.0	20.
15.9	54.6	5603.3	500.0	-13.1	-20.8	192.6	36.1	7.9	35.2	317.1	321.8	1.5	52.6	11.8	18.
17.3	57.6	5991.5	475.0	-16.2	-22.5	194.8	36.5	9.3	35.3	317.9	322.2	1.3	59.2	14.8	17.
18.7	61.6	6396.2	450.0	-19.4	-23.6	198.3	35.3	11.1	33.5	318.8	323.0	1.3	69.4	17.9	17.
20.3	63.9	6818.5	425.0	-22.3	-24.5	203.9	36.2	14.6	33.1	320.2	324.3	1.2	83.8	21.1	18.
21.9	66.9	7261.3	400.0	-25.8	-32.2	206.7	38.8	15.9	34.5	321.8	324.0	0.8	53.6	24.6	19.
23.3	71.3	7726.4	375.0	-28.5	-37.7	204.9	38.4	16.2	34.8	323.8	325.3	0.4	42.9	28.9	19.
25.0	73.6	8218.3	350.0	-31.8	-42.7	206.6	38.8	16.1	35.2	325.9	326.8	0.2	32.9	31.9	20.
26.7	77.1	8737.6	325.0	-36.2	-45.1	203.5	37.8	15.1	34.7	326.8	327.5	0.2	39.1	35.8	21.
24.5	83.9	9244.3	300.0	-40.3	99.9	206.7	41.1	17.2	37.4	328.6	999.9	99.9	999.9	40.0	21.
30.3	84.8	9875.0	275.0	-45.5	99.9	206.7	38.6	17.3	34.5	329.3	999.9	99.9	999.9	44.4	21.
32.1	88.4	10503.1	250.0	-51.0	99.9	207.8	38.7	18.0	34.2	330.2	999.9	99.9	999.9	49.1	22.
34.5	93.2	11179.2	225.0	-57.0	99.9	206.3	40.2	18.6	36.6	331.1	999.9	99.9	999.9	54.0	22.
36.9	97.4	11816.6	200.0	-61.0	99.9	206.8	39.6	16.7	36.1	336.2	999.9	99.9	999.9	60.0	22.
39.5	102.9	12735.7	175.0	-66.4	99.9	215.8	35.5*	20.8	28.8	343.6	999.9	99.9	999.9	66.8	23.
42.7	108.3	13705.1	150.0	-55.0	99.9	211.6	27.7*	14.5	23.6	375.3	999.9	99.9	999.9	71.2	24.
46.6	114.3	14773.4	125.0	-56.7	99.9	209.2	22.4**	10.9	19.5	392.6	999.9	99.9	999.9	77.4	24.
51.3	121.3	16278.0	100.0	-58.8	99.9	207.2	13.0	6.3	12.3	414.2	999.9	99.9	999.9	81.8	25.
57.1	129.3	18091.3	75.0	-57.5	99.9	195.4	11.8	3.1	11.4	452.5	999.9	99.9	999.9	86.4	25.
64.7	139.5	20674.7	50.0	-52.8	99.9	186.5	8.0	0.9	8.0	519.2	999.9	99.9	999.9	90.8	24.
76.5	152.9	25153.9	25.0	-50.4	99.9	225.7	9.8	7.0	6.8	639.9	999.9	99.9	999.9	94.2	26.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
NORTH PLATTE, NEBRASKA

9 MAY 1979
1705 GMT

144 15. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	16.3	967.0	911.3	4.4	-0.0	20.0	5.1	-1.7	-4.8	285.0	296.2	4.2	73.0	0.0	0.
0.8	0.0	99.9	1300.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.9	0.0	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.9	0.0	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.9	0.0	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.4	17.3	969.3	900.0	1.9	1.5	320.6	1.4	0.9	-1.0	283.5	295.9	4.7	97.1	0.3	209.
1.2	14.7	1175.2	875.0	0.3	0.3	351.5	5.9	0.9	-5.8	284.1	295.8	4.5	102.5	0.5	197.
1.9	22.1	1407.3	850.0	-1.2	-1.2	1.6	7.6	-0.2	-7.6	284.9	295.9	4.1	102.4	0.8	189.
2.9	21.6	1645.5	825.0	-1.5	-1.5	7.2	5.8	-0.7	-5.8	287.0	298.1	4.2	102.3	1.2	187.
3.8	27.1	1892.5	800.0	2.4	1.9	326.7	3.8	2.1	-3.2	293.7	308.5	5.5	99.8	1.4	187.
4.4	24.5	2151.4	775.0	4.2	-6.6	283.7	4.5	4.3	-1.1	299.3	307.0	3.0	45.3	1.5	176.
5.5	3.1	2417.4	750.0	3.4	-5.3	265.2	1.8	1.8	0.2	300.3	310.1	3.4	52.9	1.6	169.
7.1	34.4	2691.5	725.0	1.9	-5.1	179.1	1.0	-0.0	1.0	301.6	311.9	3.6	59.8	1.6	168.
8.1	37.4	2973.8	700.0	0.7	-2.4	186.3	4.6	0.5	4.6	303.3	316.4	4.6	79.3	1.4	168.
9.1	43.3	3266.3	675.0	-0.5	-2.0	210.5	9.3	4.7	8.0	305.1	319.1	6.9	89.4	1.1	155.
10.1	4.4	3568.2	650.0	-1.7	-6.2	209.0	13.3	6.4	11.6	307.0	318.0	3.7	71.9	1.0	117.
11.3	9.5	3877.5	625.0	-3.7	-11.2	203.0	18.6	7.9	16.6	308.3	316.1	2.6	55.8	1.5	69.
12.5	8.4	4231.2	600.0	-5.3	-12.2	200.7	25.2	8.9	23.5	310.0	317.6	2.5	58.3	2.9	44.
13.9	51.4	4534.5	575.0	-6.7	-54.2	197.9	30.5	9.3	29.0	312.1	312.3	0.0	1.0	4.9	33.
15.1	54.9	4940.4	550.0	-8.4	-41.7	197.2	33.2	9.8	31.7	314.2	314.8	0.2	4.7	7.2	28.
16.3	57.4	5234.9	525.0	-10.6	-33.9	197.0	34.9	10.2	33.4	315.6	317.1	0.4	13.0	9.9	25.
17.5	59.5	5611.8	500.0	-13.1	-21.1	196.5	35.8	8.9	34.7	317.1	321.6	1.4	49.9	12.5	23.
18.1	61.4	6002.2	475.0	-16.2	-21.1	196.6	36.1	9.1	34.9	317.9	322.7	1.5	64.5	15.6	21.
20.6	67.2	6437.1	450.0	-19.1	-23.4	196.8	37.1	10.6	35.5	319.3	323.5	1.3	69.3	19.8	20.
22.1	75.4	6830.3	425.0	-21.9	-23.3	197.6	36.7	11.1	35.0	320.9	323.6	0.8	51.2	22.2	20.
23.8	74.3	7278.7	400.0	-25.1	-30.4	197.0	36.6	11.9	34.6	322.4	325.0	0.8	61.1	25.9	20.
25.6	77.5	7743.1	375.0	-28.9	-33.4	202.8	38.6	14.9	35.5	324.5	326.5	0.6	57.5	29.6	20.
27.4	81.3	8232.4	350.0	-31.4	-38.4	203.8	40.4	16.3	37.0	326.5	327.9	0.4	49.6	34.1	20.
29.3	85.2	8753.1	325.0	-35.0	-41.6	202.5	40.2	15.4	37.1	328.4	329.5	0.3	53.9	39.9	21.
31.3	94.3	9306.1	300.0	-39.4	99.9	202.8	36.4	14.1	33.5	329.9	999.9	99.9	999.9	43.5	21.
33.3	93.5	9903.6	275.0	-44.2	99.9	202.8	43.5	16.6	40.2	331.2	999.9	99.9	999.9	48.1	21.
35.3	99.9	10527.7	250.0	-49.3	99.9	200.2	40.0*	13.8	37.6	332.4	999.9	99.9	999.9	53.4	21.
37.5	102.9	11208.6	225.0	-55.6	99.9	201.4	40.8*	14.9	38.0	333.3	999.9	99.9	999.9	58.8	21.
40.1	106.3	11944.1	200.0	-61.0	99.9	203.4	37.4*	14.8	34.3	336.1	999.9	99.9	999.9	64.6	21.
43.1	113.5	12775.2	175.0	-59.5	99.9	212.3	33.4*	17.8	29.3	351.7	999.9	99.9	999.9	71.6	22.
46.5	119.3	13756.5	150.0	-53.8	99.9	206.3	26.2*	11.6	23.5	377.4	999.9	99.9	999.9	77.8	23.
50.6	125.8	14827.9	125.0	-56.9	99.9	201.1	19.9**	7.2	18.6	395.6	999.9	99.9	999.9	83.5	23.
54.2	132.5	16339.4	100.0	-53.2	99.9	196.3	14.2*	6.0	13.6	413.4	999.9	99.9	999.9	88.7	22.
61.2	140.3	18154.6	75.0	-55.9	99.9	135.5	12.6*	-8.8	9.0	455.7	999.9	99.9	999.9	93.7	22.
68.8	147.8	20755.5	50.0	-53.4	99.9	60.8	10.6	-9.3	-5.2	517.9	999.9	99.9	999.9	97.6	22.
80.5	155.7	25251.3	25.0	-49.9	99.9	212.6	6.3	3.4	5.3	641.4	999.9	99.9	999.9	103.1	22.

* MY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
NORTH PLATTE, NEBRASKA

9 MAY 1979
2005 GMT

155 21. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.7	847.0	912.0	3.0	0.4	360.0	6.2	0.0	-6.2	285.6	297.0	4.3	72.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	15.4	954.9	900.0	3.5	2.5	11.5	13.7	-2.7	-13.4	285.1	298.5	5.1	93.4	0.2	186.
1.1	18.3	1183.0	875.0	1.1	1.1	11.2	11.1	-2.1	-10.9	284.9	297.4	4.7	101.0	0.7	189.
2.0	20.4	1415.9	850.0	-0.4	-0.4	8.8	8.3	-1.3	-8.2	285.8	297.4	4.4	100.8	1.2	192.
2.9	23.3	1654.6	825.0	-1.6	-1.6	353.3	6.8	0.8	-6.7	286.9	298.0	4.1	100.6	1.5	189.
3.9	25.9	1900.6	800.0	0.5	0.5	330.4	6.0	3.0	-5.2	291.7	305.2	5.0	100.9	1.8	183.
4.8	28.4	2156.2	775.0	5.1	-0.3	308.8	2.9	2.2	-1.8	299.3	313.1	4.9	69.9	2.5	170.
5.7	31.2	2420.3	750.0	4.6	-3.3	193.9	1.9	0.5	1.9	301.6	313.0	4.0	58.4	2.8	177.
6.5	33.9	2701.4	725.0	3.2	1.2	145.9	4.8	-2.7	4.0	303.0	314.2	5.8	86.6	1.9	180.
7.4	36.6	2996.3	700.0	1.7	-0.3	174.6	6.7	-0.6	6.5	304.4	319.6	5.4	85.4	1.6	184.
8.5	39.3	3279.0	675.0	0.1	-5.4	999.9	99.9	99.9	99.9	305.8	316.9	3.8	66.2	1.1	181.
9.7	42.2	3591.2	650.0	-1.2	-8.4	999.9	99.9	99.9	99.9	307.6	316.9	3.1	57.8	999.9	999.
10.7	45.1	3893.2	625.0	-3.0	-11.8	999.9	99.9	99.9	99.9	309.0	316.5	2.5	50.6	999.9	999.
11.8	48.0	4215.2	600.0	-5.2	-10.9	999.9	99.9	99.9	99.9	310.1	318.5	2.8	64.8	999.9	999.
12.8	51.1	4549.6	575.0	-7.4	-8.1	999.9	99.9	99.9	99.9	311.3	322.1	3.6	96.7	999.9	999.
13.9	54.1	4892.2	550.0	-8.9	-21.3	999.9	99.9	99.9	99.9	313.5	317.6	1.3	35.9	999.9	999.
14.9	57.1	5251.9	525.0	-10.2	-24.5	999.9	99.9	99.9	99.9	316.2	318.5	0.7	20.6	999.9	999.
16.7	61.4	5827.7	500.0	-13.0	-25.9	999.9	99.9	99.9	99.9	317.2	320.2	0.9	32.9	999.9	999.
17.9	63.9	6216.4	475.0	-15.9	-23.5	999.9	99.9	99.9	99.9	318.3	322.3	1.2	52.0	999.9	999.
19.7	67.3	6621.7	450.0	-19.1	-22.8	999.9	99.9	99.9	99.9	319.3	323.7	1.3	71.9	999.9	999.
21.4	70.9	6944.6	425.0	-22.1	-27.2	999.9	99.9	99.9	99.9	320.6	323.8	1.0	63.3	21.4	17.
23.1	74.5	7287.4	400.0	-25.6	-27.7	198.1	38.9	12.1	37.0	321.7	325.0	1.0	82.6	25.1	17.
24.7	78.1	7753.7	375.0	-27.9	-33.6	203.6	41.8	16.7	38.3	324.7	326.8	0.6	59.1	29.3	18.
26.5	82.3	8246.3	350.0	-31.3	-43.1	205.4	42.1	18.1	38.0	326.6	327.5	0.2	30.4	33.5	19.
28.3	86.3	8766.5	325.0	-35.5	-44.6	205.3	42.2	18.0	38.2	327.7	328.6	0.2	41.4	38.2	20.
30.2	90.6	9319.0	300.0	-39.5	99.9	206.7	40.8	18.3	36.5	329.7	999.9	99.9	999.9	42.9	20.
32.4	95.0	9907.9	275.0	-44.6	99.9	203.5	41.5	16.5	38.0	330.7	999.9	99.9	999.9	48.1	21.
34.7	99.8	10536.1	250.0	-49.8	99.9	204.3	39.60	16.2	35.9	332.1	999.9	99.9	999.9	53.9	21.
37.2	104.9	11220.6	225.0	-55.2	99.9	206.5	37.20	16.6	33.3	333.9	999.9	99.9	999.9	59.6	21.
39.7	110.2	11962.6	200.0	-60.5	99.9	204.1	41.10	16.7	37.5	337.0	999.9	99.9	999.9	66.0	22.
42.4	116.0	12792.7	175.0	-60.6	99.9	211.6	38.10	20.3	32.5	349.8	999.9	99.9	999.9	72.5	22.
45.9	122.3	13773.1	150.0	-55.1	99.9	206.4	27.10	12.0	24.3	375.2	999.9	99.9	999.9	78.6	23.
50.8	127.3	14938.6	125.0	-55.2	99.9	206.3	26.50	11.8	23.8	395.1	999.9	99.9	999.9	84.5	23.
56.8	137.0	16353.3	100.0	-58.5	99.9	197.2	16.60	4.9	15.9	416.7	999.9	99.9	999.9	90.2	23.
61.2	144.0	18191.9	75.0	-53.7	99.9	211.4	12.00	6.6	10.0	460.3	999.9	99.9	999.9	96.2	23.
69.8	156.3	23776.4	50.0	-56.8	99.9	183.0	10.4	8.5	10.3	814.5	999.9	99.9	999.9	101.5	23.
83.2	166.5	25259.5	25.0	-50.1	99.9	271.3	8.5	8.5	-0.2	640.9	999.9	99.9	999.9	105.3	23.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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STATION NO. 562
NORTH PLATTE, NEBRASKA

9 MAY 1979
2305 GMT

192 11. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.6	867.0	912.0	6.1	-0.2	360.0	9.3	0.0	-9.3	286.7	297.8	4.1	64.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	14.7	906.6	900.0	2.6	0.7	16.5	11.6	-3.3	-11.1	284.2	296.1	4.5	87.1	0.4	198.
1.5	17.9	1192.1	875.0	1.1	0.9	17.1	12.4	-3.6	-11.8	285.0	297.2	4.7	97.9	1.0	198.
2.4	19.3	1615.0	850.0	-0.6	-0.7	19.4	12.6	-4.2	-11.9	285.5	296.9	4.3	99.0	1.7	197.
3.3	21.6	1653.1	825.0	-2.5	-2.5	22.6	11.0	-4.2	-10.2	286.0	296.4	3.9	100.7	2.4	198.
4.3	23.9	1838.3	800.0	-0.5	-0.5	20.7	7.7	-2.7	-7.2	290.6	303.1	4.6	101.0	3.0	199.
5.2	24.3	2154.7	775.0	4.1	-2.1	57.1	6.8	-4.1	-2.6	298.3	310.1	4.2	83.8	3.2	199.
6.2	24.7	2424.2	750.0	4.0	2.1	125.0	5.9	-4.8	3.4	301.0	317.6	6.0	87.9	3.3	205.
7.1	31.1	2698.1	725.0	4.1	-3.2	166.2	7.6	-1.8	7.4	304.0	318.0	4.7	59.8	3.1	209.
8.3	33.6	2983.3	700.0	2.9	-8.2	191.6	12.4	2.5	12.2	305.8	314.5	3.0	43.9	2.5	217.
9.3	35.1	3276.5	675.0	0.8	-9.1	199.6	14.9	5.0	14.1	306.5	314.9	2.8	47.4	1.7	226.
10.5	37.7	3579.3	650.0	-1.2	-6.7	211.4	14.7	7.7	12.6	307.6	318.2	3.6	66.3	0.9	263.
11.5	41.3	3893.7	625.0	-3.8	-5.7	999.9	99.9	99.9	99.9	308.2	319.9	4.0	86.4	999.9	999.
12.5	43.9	4212.1	600.0	-6.0	-6.6	999.9	99.9	99.9	99.9	309.2	320.8	3.9	96.8	999.9	999.
13.4	45.7	4544.7	575.0	-8.2	-8.6	999.9	99.9	99.9	99.9	310.3	320.8	3.5	97.6	999.9	999.
14.9	47.4	4889.6	550.0	-10.8	-13.3	999.9	99.9	99.9	99.9	311.2	318.9	2.5	82.0	999.9	999.
15.2	52.3	5244.4	525.0	-13.1	-13.5	999.9	99.9	99.9	99.9	312.6	320.4	2.5	96.9	999.9	999.
16.3	57.2	5614.9	500.0	-16.3	-19.0	999.9	99.9	99.9	99.9	313.2	319.6	1.7	79.4	12.1	16.
16.4	54.1	6000.3	475.0	-17.4	-26.7	201.4	35.9	13.1	33.4	316.4	319.4	0.9	44.0	14.9	17.
21.0	61.3	6403.1	450.0	-23.2	-28.3	198.8	36.2	11.7	34.3	317.9	320.7	0.8	43.4	18.5	17.
22.9	64.4	6826.4	425.0	-23.1	-28.7	199.2	37.9	12.5	35.8	319.3	322.2	0.8	60.1	22.2	18.
24.4	67.6	7266.5	400.0	-25.8	-41.6	199.5	40.9	13.6	38.6	321.5	322.4	0.2	20.9	26.2	18.
26.2	71.0	7731.3	375.0	-28.5	-68.2	200.3	42.4	14.7	39.8	323.9	323.9	0.0	1.0	30.7	18.
28.3	74.6	8222.4	350.0	-32.1	-70.6	201.1	41.6	15.0	38.8	325.5	325.5	0.0	1.0	36.0	19.
30.5	78.3	8743.4	325.0	-36.9	-68.4	202.6	43.9	16.9	40.5	325.9	325.9	0.0	1.0	41.6	19.
32.9	82.0	9293.6	300.0	-41.3	99.9	205.9	39.1*	17.1	35.2	327.2	999.9	99.9	999.9	47.2	20.
35.4	86.3	9874.7	275.0	-45.3	99.9	208.5	41.1*	19.6	36.1	329.6	999.9	99.9	999.9	53.6	21.
38.3	90.2	10503.9	250.0	-50.5	99.9	211.0	38.6*	20.0	33.2	331.0	999.9	99.9	999.9	60.7	22.
41.2	94.6	11182.6	225.0	-55.8	99.9	209.9	38.3*	19.1	33.2	333.0	999.		999.9	67.6	22.
44.0	99.2	11923.7	200.0	-59.8	99.9	218.9	51.8*	32.6	40.3	338.2	999		999.9	75.8	23.
47.1	104.4	12763.0	175.0	-56.4	99.9	222.2	25.7*	17.3	19.0	360.2	999.		999.9	82.3	24.
53.9	119.4	13746.7	150.0	-56.1	99.9	204.3	26.9*	11.1	24.5	373.5	999.	99.9	999.9	88.0	25.
56.9	116.3	14904.9	125.0	-53.7	99.9	203.5	20.1*	8.0	18.5	397.8	999.	99.9	999.9	93.3	25.
59.6	123.3	16323.1	100.0	-57.6	99.9	211.1	22.7*	11.7	19.4	416.5	999.9	99.9	999.9	99.3	24.
65.5	131.5	18146.9	75.0	-56.5	99.9	228.4	13.3*	9.6	9.2	454.5	999.9	99.9	999.	104.4	25.
73.9	142.3	20730.9	53.3	-56.1	99.9	90.5	12.4**	-12.4	0.1	511.4	999.9	99.9	999.9	110.1	25.
80.9	155.5	25211.9	25.0	-49.0	99.9	292.2	12.1	11.2	-4.6	643.9	999.9	99.9	999.9	115.5	26.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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STATION NO. 562
NORTH PLATTE, NEBRASKA

10 MAY 1979
205 GMT

150 17. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	17.1	867.0	912.0	3.3	-0.7	19.6	7.2	-1.3	-7.1	283.8	294.4	4.0	75.0	0.0	0.
99.9	99.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	14.1	956.2	903.0	1.5	0.8	999.9	99.9	99.9	99.9	283.0	294.8	4.5	95.2	999.9	999.
1.1	23.7	1183.5	875.0	-3.5	-0.5	999.9	99.9	99.9	99.9	283.3	298.4	4.2	101.5	999.9	999.
1.9	31.2	1411.9	850.0	-2.2	-2.2	999.9	99.9	99.9	99.9	283.8	297.0	3.8	102.0	1.5	191.
2.7	39.7	1644.9	825.0	-3.3	-3.3	17.8	13.2	-4.0	-12.5	285.1	294.8	3.6	101.8	2.1	193.
3.7	49.2	1878.3	800.0	0.3	0.3	21.5	11.0	-4.0	-10.2	291.5	304.7	4.9	102.3	2.8	195.
4.6	57.7	2110.0	775.0	2.4	1.6	30.9	7.2	-3.7	-6.2	296.4	311.6	5.5	96.1	3.4	196.
5.5	33.3	2346.3	750.0	4.1	2.4	129.6	5.2	-4.0	3.3	301.1	313.9	6.1	88.8	3.8	196.
6.6	35.3	2583.5	725.0	5.1	-3.7	174.6	9.3	-0.9	9.2	305.0	315.7	4.3	53.3	3.2	232.
7.6	34.5	2819.1	700.0	2.6	-2.4	187.8	13.6	1.9	13.5	305.4	315.8	4.6	69.5	2.6	257.
8.6	41.2	3272.2	675.0	0.2	-1.4	188.6	15.5	2.3	15.3	305.9	320.6	5.2	89.4	1.5	222.
9.7	44.0	3273.9	650.0	-2.2	-2.2	191.0	15.4	2.9	15.1	306.5	320.9	5.0	93.4	0.9	258.
1..8	45.8	3486.3	625.0	-3.8	-3.4	195.6	18.8	5.1	18.2	308.2	321.7	4.6	103.4	1.3	323.
11.9	47.7	4237.1	600.0	-5.5	-5.5	201.2	21.6	7.8	20.2	309.7	322.2	4.2	104.2	2.3	353.
13.0	52.6	4480.1	575.0	-7.6	-7.6	202.9	24.4	9.5	22.5	311.1	322.3	3.8	99.9	3.4	7.
14.1	55.6	4725.7	550.0	-9.1	-9.1	201.0	28.6	10.2	26.7	313.3	323.8	3.5	99.7	5.1	12.
15.3	58.7	5269.7	525.0	-10.7	-10.5	201.5	32.8	12.1	30.5	315.6	325.4	3.2	99.4	7.2	14.
16.5	61.9	5513.1	500.0	-13.1	-13.4	203.5	35.2	14.0	32.3	317.1	326.5	2.7	97.9	9.8	17.
17.7	65.3	6009.3	475.0	-15.7	-16.3	201.5	36.8	12.8	32.4	318.6	326.9	2.3	97.5	12.2	18.
19.1	68.8	6416.3	450.0	-19.7	-19.4	201.6	33.4	12.3	31.1	319.7	325.8	1.8	94.2	14.7	18.
20.6	71.7	6417.4	425.0	-22.4	-23.9	207.0	35.6	16.1	31.7	320.3	324.6	1.3	87.2	17.7	19.
22.1	75.1	7293.2	400.0	-25.7	-29.1	205.0	42.8	18.1	38.8	321.6	324.5	0.9	72.9	21.5	21.
23.7	78.9	7765.6	375.0	-28.7	-37.2	202.4	45.5	17.3	42.1	323.6	325.1	0.4	43.5	26.0	21.
25.6	82.6	8236.4	350.0	-31.9	-51.1	203.5	43.9	15.4	41.1	325.8	325.2	0.1	12.8	31.3	21.
27.5	86.5	8755.6	325.0	-35.8	-54.0	200.8	40.5	14.4	37.9	327.3	32 .6	0.1	13.4	35.9	21.
29.6	90.7	9336.5	300.0	-40.2	99.9	203.9	42.3	17.1	38.6	328.7	99.9	99.9	999.9	40.7	21.
31.5	94.8	9490.7	275.0	-44.2	99.9	200.8	47.6	16.9	44.5	331.2	999.9	99.9	999.9	46.2	22.
33.9	99.8	10528.2	250.0	-48.7	99.9	193.7	47.3*	11.2	46.9	333.6	999.9	99.9	999.9	52.9	21.
36.5	104.2	11211.9	225.0	-53.7	99.9	195.0	44.7*	12.1	43.0	336.7	999.9	99.9	999.9	60.1	20.
39.4	109.2	11956.1	200.0	-59.6	99.9	206.1	44.0*	19.4	39.6	338.6	999.9	99.9	999.9	67.6	20.
42.4	114.8	12780.9	175.0	-65.9	99.9	211.9	37.9*	20.0	32.1	342.8	999.9	99.9	999.9	75.7	21.
45.7	120.6	13759.5	150.0	-56.2	99.9	213.3	24.3*	13.3	17.9	373.3	999.9	99.9	999.9	83.5	22.
49.4	127.3	14709.4	125.0	-56.1	99.9	203.4	27.0*	11.0	25.5	393.5	999.9	99.9	999.9	86.0	22.
53.6	134.7	15329.6	100.0	-56.4	99.9	216.2	16.7*	9.4	13.8	418.8	999.9	99.9	999.9	92.1	23.
58.9	143.3	13152.5	75.0	-56.8	99.9	169.2	13.9**	-2.6	13.7	453.3	999.9	99.9	999.9	99.7	23.
64.8	152.5	20727.6	50.0	-55.8	99.9	224.2	11.1	7.7	7.9	512.8	999.9	99.9	999.9	103.6	22.
84.3	182.7	25791.3	25.0	-51.0	99.9	247.8	5.8	5.4	2.2	638.3	999.9	99.9	999.9	105.4	23.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
NORTH PLATTE, NEBRASKA

10 MAY 1979
505 GMT

151 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.7	847.0	914.0	1.7	-1.7	360.0	5.7	0.0	-5.7	282.0	291.8	3.7	78.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999 9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	15.0	971.1	900.0	-0.2	-0.8	5.3	13.3	-1.2	-13.3	281.3	291.9	4.0	95.7	0.3	185.
1.2	17.4	1196.3	875.0	-2.0	-2.0	10.0	14.3	-2.5	-14.1	281.7	291.6	3.8	102.7	0.9	186.
2.0	19.9	1426.6	850.0	-3.0	-3.0	17.7	14.4	-4.4	-13.7	283.0	292.5	3.6	102.5	1.6	189.
2.9	22.3	1664.1	825.0	-0.6	-0.6	25.5	13.9	-6.0	-12.5	287.9	299.9	4.5	102.6	2.3	193.
3.7	24.8	1912.6	800.0	2.6	2.6	34.9	10.6	-6.1	-8.7	293.9	309.6	5.8	99.8	3.0	197.
4.7	27.3	2170.1	775.0	2.8	2.8	66.1	3.1	-2.8	-1.3	296.9	313.4	6.1	101.5	3.4	199.
5.6	29.9	2436.3	750.0	3.6	3.0	189.8	4.9	0.8	4.8	300.5	318.1	6.4	95.9	3.3	199.
6.5	32.4	2712.6	725.0	3.2	2.7	206.6	10.3	4.3	9.3	303.0	323.9	6.4	96.4	2.8	199.
7.5	35.1	2998.6	700.0	1.5	0.9	999.9	99.9	99.9	99.9	304.2	320.7	5.8	95.1	2.1	197.
8.5	37.9	3296.7	675.0	0.8	-0.3	999.9	99.9	99.9	99.9	306.6	322.5	5.6	91.9	999.9	999.
9.5	40.6	3592.5	650.0	-1.2	-1.4	999.9	99.9	99.9	99.9	307.6	322.9	5.3	99.9	999.9	999.
10.7	43.2	3884.9	625.0	-2.8	-2.8	999.9	99.9	99.9	99.9	309.3	323.8	5.0	101.7	999.9	999.
11.4	46.1	4227.6	600.0	-5.3	-5.3	999.9	99.9	99.9	99.9	310.0	322.6	4.3	102.2	2.4	34.
12.9	49.3	4581.3	575.0	-6.8	-6.8	201.4	23.3	8.5	21.7	312.0	324.0	4.0	102.0	3.7	29.
14.3	52.9	4937.5	550.0	-9.0	-9.0	203.1	28.9	11.3	26.6	313.4	324.1	3.5	100.8	5.4	27.
15.2	55.0	5206.7	525.0	-11.3	-11.3	202.4	32.0	12.2	29.6	314.8	324.2	3.1	100.5	7.6	26.
16.3	58.1	5639.7	500.0	-14.1	-14.1	201.4	32.7	12.0	30.5	315.9	323.9	2.6	100.1	9.8	25.
17.5	61.3	6027.6	475.0	-16.7	-16.8	199.7	34.1	11.5	32.1	317.3	324.1	2.2	99.7	12.1	24.
18.6	64.5	6432.0	450.0	-19.7	-19.8	199.5	35.8	11.9	33.8	318.5	324.2	1.8	98.6	14.5	23.
19.7	67.9	6853.5	425.0	-23.3	-31.9	201.6	39.4	14.5	36.6	319.1	321.2	0.6	45.1	16.8	23.
20.7	71.3	7294.7	400.0	-26.1	-46.5	202.2	41.2	15.6	38.1	321.1	321.7	0.2	14.0	19.3	23.
22.1	75.0	7757.3	375.0	-29.9	-55.9	203.5	42.4	16.9	38.9	323.3	323.5	0.0	5.4	22.8	23.
23.9	78.7	8244.8	350.0	-32.2	-56.4	203.6	43.8	17.6	40.1	325.3	325.5	0.0	6.9	27.3	23.
25.6	82.5	8769.2	325.0	-35.7	-58.0	203.4	41.7	16.6	38.3	327.5	327.7	0.0	7.9	32.1	23.
27.4	86.7	9321.1	300.0	-40.0	99.9	202.7	41.9	16.2	38.6	329.0	999.9	99.9	999.9	36.3	23.
29.3	90.9	9909.4	275.0	-44.5	99.9	196.1	42.6	11.8	41.0	330.8	999.9	99.9	999.9	41.4	23.
31.5	95.4	10542.9	250.0	-47.7	99.9	190.5	41.4	7.6	40.8	335.2	999.9	99.9	999.9	46.7	22.
33.7	100.2	11229.0	225.0	-56.1	99.9	194.0	44.8	10.8	43.5	335.6	999.9	99.9	999.9	52.3	20.
36.4	105.3	11973.2	200.0	-60.4	99.9	202.1	39.4*	14.9	36.5	337.2	999.9	99.9	999.9	59.2	20.
39.5	110.9	12803.4	175.0	-58.5	99.9	205.5	37.7*	16.2	34.0	353.4	999.9	99.9	999.9	66.4	21.
42.7	116.9	13765.8	150.0	-60.4	99.9	208.7	35.2*	16.9	30.9	366.1	999.9	99.9	999.9	74.8	21.
46.3	123.5	14911.1	125.0	-57.2	99.9	216.9	23.3*	14.0	18.7	391.5	999.9	99.9	999.9	79.9	22.
51.0	131.0	16326.2	100.0	-57.6	99.9	214.4	16.6*	9.4	13.7	416.5	999.9	99.9	999.9	85.3	23.
57.2	139.3	19147.7	75.0	-58.7	99.9	238.7	11.4	9.7	5.9	449.9	999.9	99.9	999.9	90.6	23.
66.0	148.7	20725.2	50.0	-53.2	99.9	205.2	7.8	3.3	7.0	518.1	999.9	99.9	999.9	95.1	24.
79.1	159.0	24161.7	25.0	-52.4	99.9	276.2	3.7	3.7	-0.4	634.0	999.9	99.9	999.9	98.0	24.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 62
NORTH PLATTE, NEBRASKA

10 MAY 1979
805 GMT

165 14. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.3	847.0	914.0	2.2	-1.8	10.0	5.1	-0.9	-5.0	282.5	292.3	3.7	75.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	15.5	971.2	900.0	-0.6	-1.5	6.9	0.4	-0.8	-0.4	281.1	291.2	3.8	92.6	0.3	180.
1.2	17.7	1195.9	875.0	-2.5	-2.5	4.5	0.4	-0.7	-0.3	281.2	290.7	3.6	101.5	0.6	187.
2.1	19.9	1425.4	850.0	-4.1	-4.1	10.5	10.1	-1.8	-9.9	281.8	290.6	3.3	101.3	1.1	186.
2.9	22.2	1661.2	825.0	-4.1	-4.1	30.3	11.2	-5.7	-9.7	284.3	293.5	3.4	101.3	1.6	190.
3.7	24.5	1905.4	800.0	-2.0	-2.0	55.1	11.2	-9.2	-6.4	289.0	300.2	4.1	101.6	2.1	199.
4.5	26.8	2154.4	775.0	0.2	0.2	88.5	6.0	6.0	-0.2	296.0	307.7	5.0	100.6	2.5	207.
5.5	29.3	2423.2	750.0	1.0	1.0	170.5	6.0	-0.8	6.7	297.7	312.9	5.5	103.7	2.4	211.
6.5	31.7	2696.2	725.0	0.6	0.6	192.8	8.7	1.9	8.4	300.1	315.6	5.5	103.6	2.8	215.
7.3	33.9	2975.2	700.0	0.2	0.2	198.6	9.4	3.0	8.9	302.7	318.4	5.6	103.6	1.8	221.
8.3	36.4	3264.6	675.0	-1.6	-1.6	218.0	11.7	7.2	9.2	303.9	318.2	5.1	103.8	1.3	228.
9.3	39.0	3567.2	650.0	-4.2	-4.5	999.9	99.9	99.9	99.9	304.2	316.4	4.2	97.9	999.9	999.
10.3	41.5	3879.4	625.0	-5.6	-5.7	999.9	99.9	99.9	99.9	306.0	317.7	4.0	99.2	999.9	999.
11.5	44.1	4198.7	600.0	-5.9	-5.9	999.9	99.9	99.9	99.9	309.4	321.5	4.1	101.8	2.1	36.
12.7	46.9	4532.4	575.0	-6.8	-6.8	195.4	28.2	7.5	27.1	312.8	324.0	4.0	100.9	4.3	26.
13.9	49.6	4878.6	550.0	-9.1	-9.3	193.1	32.4	7.4	31.6	313.3	323.8	3.5	95.5	6.1	22.
15.1	52.4	5237.3	525.0	-11.7	-12.1	194.2	34.7	8.5	33.6	314.4	323.2	2.9	96.6	8.4	19.
16.2	55.4	5604.5	500.0	-14.5	-15.2	197.6	35.1	10.6	33.5	315.4	322.8	2.4	94.3	10.9	19.
17.4	58.3	5986.6	475.0	-17.5	-18.6	199.0	34.2	11.2	32.3	316.4	322.3	1.9	90.9	13.3	19.
18.6	61.4	6382.7	450.0	-20.5	-21.5	201.9	35.6	13.3	33.0	317.5	322.4	1.5	91.2	15.9	19.
19.9	64.5	6920.5	425.0	-23.7	-26.7	207.2	37.7	17.3	33.5	318.4	321.8	1.0	78.4	18.4	20.
21.6	67.9	7261.0	400.0	-25.8	-66.6	207.0	41.9	19.0	37.3	321.5	321.5	0.0	1.0	22.6	21.
23.2	71.7	7726.6	375.0	-27.9	-67.8	205.9	43.6	19.0	39.2	324.6	324.7	0.0	1.0	26.8	22.
24.7	74.6	8214.7	350.0	-31.6	-70.2	207.5	43.2	20.0	38.3	326.2	326.2	0.0	1.0	30.6	22.
26.5	78.1	8739.1	325.0	-35.1	-72.6	206.4	45.9	20.4	41.1	328.3	328.3	0.0	1.0	35.4	23.
28.3	82.0	9292.7	300.0	-38.8	-75.0	196.2	42.8	11.9	41.1	330.7	330.7	0.0	1.0	40.2	23.
30.1	86.0	9893.4	275.0	-43.8	99.9	192.1	47.4	9.9	46.3	331.8	999.9	99.9	999.9	44.9	22.
32.2	90.2	10518.8	250.0	-47.9	99.9	193.6	44.5	10.5	43.3	334.9	999.9	99.9	999.9	50.8	21.
34.7	94.7	11206.4	225.0	-52.7	99.9	193.5	42.9*	10.3	41.7	337.7	999.9	99.9	999.9	57.8	20.
37.1	99.4	11956.7	200.0	-58.4	99.9	189.9	43.0*	7.3	42.3	340.2	999.9	99.9	999.9	63.8	19.
39.9	104.8	12786.5	175.0	-61.8	99.9	194.0	42.3*	10.3	41.1	347.9	999.9	99.9	999.9	69.9	18.
43.1	110.5	13744.5	150.0	-56.5	99.9	206.9	32.4**	14.7	28.9	372.8	999.9	99.9	999.9	78.2	19.
46.9	116.9	14907.6	125.0	-57.3	99.9	220.3	22.8**	14.7	17.4	391.3	999.9	99.9	999.9	82.2	20.
51.2	124.3	16327.2	100.0	-58.4	99.9	225.4	17.9**	12.7	12.5	415.0	999.9	99.9	999.9	88.9	21.
56.9	132.3	19146.0	75.0	-58.7	99.9	208.3	12.2**	6.2	11.4	440.8	999.9	99.9	999.9	92.9	21.
64.7	142.5	20715.4	50.0	-54.9	99.9	172.9	8.5	-1.1	8.5	514.1	999.9	99.9	999.9	95.9	21.
77.4	153.5	25155.3	25.0	-52.5	99.9	236.8	6.8	8.7	3.7	633.9	999.9	99.9	999.9	98.4	21.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 562
NORTH PLATTE, NEBRASKA

18 MAY 1979
1200 GMT

158 16. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PUT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.5	847.3	913.3	0.6	-0.8	360.0	5.1	0.0	-5.1	281.0	291.3	3.9	98.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	15.8	964.5	900.0	-0.8	-1.1	2.7	11.3	-6.5	-11.3	280.7	290.9	3.9	97.9	0.2	183.
1.3	19.3	1198.9	875.0	-2.9	-2.9	9.0	12.2	-1.9	-12.0	280.8	290.1	3.5	103.1	0.8	184.
2.2	20.9	1414.1	850.0	-4.3	-4.3	19.2	12.7	-4.2	-12.0	281.7	290.4	3.3	102.9	1.4	189.
3.0	23.3	1653.3	825.0	-4.3	-4.3	41.3	12.0	-7.9	-9.3	284.1	293.1	3.4	102.9	2.0	193.
3.9	25.9	1897.8	800.0	-0.7	-0.7	78.8	10.5	-10.3	-2.1	290.4	302.6	4.6	102.5	2.5	203.
4.8	28.6	2152.5	775.0	0.5	0.5	123.2	7.3	-6.1	4.0	296.4	308.4	5.1	102.7	2.7	213.
5.6	31.2	2416.6	750.0	1.4	1.4	154.4	6.5	-2.8	5.8	298.2	313.8	5.7	102.8	2.6	219.
6.5	34.0	2689.9	725.0	0.2	0.2	174.8	6.4	-0.6	6.4	299.7	314.6	5.4	102.6	2.4	227.
7.5	36.7	2971.5	700.0	-0.1	-4.5	200.5	6.7	2.3	6.3	302.4	313.6	3.9	72.2	2.1	232.
8.5	39.4	3261.4	675.0	-2.3	-6.8	999.9	9.9	99.9	99.9	303.1	312.9	3.4	71.0	999.9	999.
9.5	42.3	3561.0	650.0	-4.2	-8.7	999.9	99.9	99.9	99.9	304.3	313.2	3.1	70.6	999.9	999.
10.6	45.3	3869.4	625.0	-6.0	-10.7	999.9	99.9	99.9	99.9	305.5	313.9	2.8	72.2	999.9	999.
11.7	48.5	4187.9	600.0	-8.2	-11.0	999.9	99.9	99.9	99.9	306.7	314.9	2.7	73.8	999.9	999.
12.8	51.7	4518.6	575.0	-9.1	-11.1	999.9	99.9	99.9	99.9	309.4	317.9	2.8	84.8	999.9	999.
14.0	54.4	4862.9	550.0	-9.9	-11.7	204.8	35.3	14.8	32.1	312.4	321.1	2.8	86.2	7.0	32.
15.3	57.5	5221.1	525.0	-11.6	-13.5	197.6	36.1	10.9	34.4	314.5	322.8	2.6	85.2	9.8	29.
16.6	60.8	5593.6	500.0	-14.1	-16.3	198.5	38.1	12.1	36.1	315.8	322.5	2.1	83.5	12.4	26.
18.1	64.1	5980.4	475.0	-17.6	-19.7	201.3	38.4	14.0	35.8	316.2	321.5	1.7	83.8	15.8	25.
19.8	67.5	6382.9	450.0	-23.8	-31.3	203.5	40.1	16.0	36.8	317.1	319.9	0.8	51.5	19.8	24.
21.6	71.0	6800.4	425.0	-20.6	-63.0	204.1	42.3	17.3	38.6	322.6	322.7	0.0	1.0	23.9	24.
23.2	74.7	7252.3	400.0	-23.7	-65.1	203.7	42.3	17.0	38.7	324.2	324.3	0.0	1.0	28.3	24.
24.8	79.4	7721.4	375.0	-26.1	-66.6	205.1	41.3	17.5	37.4	327.0	327.1	0.0	1.0	32.5	24.
27.9	82.3	8214.2	350.0	-30.7	-69.6	204.2	39.9	16.3	36.4	327.3	327.4	0.0	1.0	37.6	24.
28.9	86.3	8737.4	325.0	-34.6	-72.2	197.6	40.5	12.3	38.6	328.9	329.0	0.0	1.0	42.8	26.
30.8	90.6	9293.3	300.0	-37.8	-74.3	190.5	39.30	7.1	38.6	332.1	332.2	0.0	1.0	47.0	23.
32.3	95.0	9885.9	275.0	-43.3	99.9	193.1	41.60	9.4	40.5	332.5	999.9	99.9	999.9	51.5	22.
35.1	99.8	10520.1	250.0	-48.6	99.9	198.1	41.20	12.8	39.2	333.9	999.9	99.9	999.9	56.9	21.
37.6	104.6	11200.3	225.0	-53.5	99.9	201.2	39.60	14.3	37.0	336.6	999.9	99.9	999.9	62.6	21.
40.1	110.0	11953.3	200.0	-58.1	99.9	195.2	40.40	10.6	39.0	339.2	999.9	99.9	999.9	68.1	21.
42.8	115.9	12786.6	175.0	-59.3	99.9	198.2	39.50	12.3	37.5	352.0	999.9	99.9	999.9	75.3	20.
46.3	122.5	13747.7	150.0	-60.4	99.9	204.0	33.80	13.7	30.9	366.1	999.9	99.9	999.9	82.2	21.
49.9	129.0	14902.7	125.0	-55.3	99.9	221.4	18.60	12.3	14.0	394.8	999.9	99.9	999.9	88.1	21.
54.2	137.0	16337.9	100.0	-57.2	99.9	224.6	14.50	10.2	10.3	417.3	999.9	99.9	999.9	92.8	22.
59.5	146.0	18162.3	75.0	-57.5	99.9	209.9	16.40	8.2	14.3	452.3	999.9	99.9	999.9	96.5	21.
67.1	156.3	20750.1	50.0	-56.2	99.9	190.5	18.7	3.4	18.3	511.1	999.9	99.9	999.9	100.3	21.
78.9	167.0	25210.7	25.0	-51.3	99.9	240.7	8.1	5.3	3.0	637.2	999.9	99.9	999.9	104.0	22.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 20
AOA, OKLAHOMA

9 MAY 1979
1424 GMT

129 98. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.0	312.0	971.0	21.0	15.6	180.0	6.2	0.0	6.2	297.5	328.2	11.6	68.0	0.0	0.
99.9	99.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	11.5	501.3	950.0	19.2	15.6	195.5	12.8	3.4	12.3	296.7	328.0	11.9	79.8	0.5	7.
1.6	13.9	733.4	925.0	18.9	15.2	203.0	14.6	5.7	13.4	296.6	327.8	11.9	89.9	1.1	16.
2.5	16.4	984.2	900.0	15.3	14.4	203.3	18.0	7.1	16.5	297.3	327.9	11.5	93.9	2.1	19.
3.5	19.7	1233.2	875.0	13.7	12.8	202.5	19.0	7.3	17.6	298.0	326.5	10.7	94.4	3.1	21.
4.4	21.2	1447.6	853.0	12.4	11.6	198.2	19.7	6.1	18.7	299.1	326.4	10.2	95.0	4.1	21.
5.2	23.7	1698.0	825.0	10.2	-3.1	191.8	22.9	4.7	22.4	299.3	312.2	4.6	46.6	5.2	20.
6.0	26.2	1957.4	800.0	17.1	-33.5	188.5	24.8	3.7	24.6	309.4	310.4	0.3	1.9	6.9	17.
7.0	28.8	2227.9	775.0	15.0	-38.9	194.1	24.4	5.9	23.7	313.2	313.8	0.2	1.8	8.4	16.
8.0	31.4	2506.9	750.0	10.4	-37.9	195.2	23.3	6.1	22.5	314.4	315.1	0.2	1.3	9.8	16.
9.0	34.1	2793.4	725.0	14.3	-30.9	196.6	22.8	6.5	21.8	315.1	316.0	0.4	3.1	11.2	16.
10.5	36.8	3087.6	700.0	11.0	-23.6	201.0	23.2	8.3	21.6	315.3	316.9	0.5	3.8	12.8	16.
11.6	39.6	3390.0	675.0	9.6	-21.5	204.4	20.5	8.5	18.7	316.4	319.7	1.0	9.2	14.2	17.
12.5	42.3	3701.5	650.0	7.2	-19.8	203.4	16.5	6.5	15.1	317.1	321.1	1.2	12.6	15.3	17.
13.6	45.1	4022.2	625.0	4.5	-18.7	205.6	15.5	6.7	14.0	317.6	322.1	1.4	16.6	16.3	18.
14.8	47.9	4352.6	600.0	1.4	-21.2	210.1	13.9	7.0	12.1	317.8	321.6	1.2	16.5	17.3	18.
16.1	51.3	4693.1	575.0	-1.7	-20.9	207.5	13.7	6.3	12.2	318.0	322.1	1.3	21.5	18.3	19.
17.5	54.0	5044.8	550.0	-4.5	-24.6	200.6	15.1	5.3	14.2	318.7	321.9	0.9	18.9	19.4	19.
19.7	57.1	5409.4	525.0	-6.9	-37.6	196.5	16.4	6.7	15.7	320.1	321.1	0.3	6.5	20.7	19.
22.1	60.3	5787.6	500.0	-10.1	-42.2	191.6	15.4	3.1	15.0	320.8	321.4	0.2	5.2	22.9	19.
21.4	63.5	6180.7	475.0	-12.8	-51.3	177.0	16.9	-0.6	10.9	322.1	322.4	0.1	2.3	23.1	18.
22.0	66.9	6589.8	450.0	-15.6	-57.5	178.7	8.0	-1.3	7.9	323.6	323.7	0.0	1.3	23.7	18.
24.6	70.6	7019.1	425.0	-19.1	-57.9	174.4	7.1	0.6	7.1	324.5	324.6	0.0	1.7	24.4	17.
25.9	74.2	7467.1	400.0	-22.7	-58.8	201.3	8.4	3.0	7.8	325.6	325.7	0.0	2.1	25.0	17.
27.5	77.7	7937.6	375.0	-25.7	-59.7	227.2	12.9	9.4	8.8	327.6	327.8	0.0	2.4	25.9	17.
29.1	81.5	8435.1	350.0	-29.4	-60.8	239.8	18.3	15.9	9.2	330.5	330.6	0.0	2.7	27.2	20.
30.9	85.5	8962.1	325.0	-32.6	-60.1	238.1	17.9	15.2	9.5	331.8	332.0	0.0	4.6	28.8	22.
32.8	89.7	9520.3	300.0	-37.5	-62.1	241.8	16.8	14.8	7.9	332.6	332.7	0.0	5.6	30.3	24.
34.8	94.2	10115.3	275.0	-41.8	99.9	237.5	14.4	12.1	7.7	334.7	999.9	99.9	999.9	31.7	26.
36.3	99.9	10753.1	250.0	-47.3	99.9	241.2	13.1	11.4	6.3	335.8	999.9	99.9	999.9	32.9	28.
38.4	103.8	11440.3	225.0	-53.3	99.9	241.6	13.8	12.1	6.6	336.8	999.9	99.9	999.9	34.3	29.
40.8	109.2	12187.9	200.0	-59.2	99.9	244.5	16.7	16.9	8.1	339.1	999.9	99.9	999.9	35.9	31.
43.8	115.2	13030.8	175.0	-57.7	99.9	244.8	22.8	19.8	9.7	344.7	999.9	99.9	999.9	38.3	33.
45.4	121.5	13996.7	150.0	-60.8	99.9	231.5	24.4	19.1	15.2	349.4	999.9	99.9	999.9	41.4	35.
48.5	128.5	15126.0	125.0	-60.1	99.9	999.9	99.9	99.9	99.9	386.2	999.9	99.9	999.9	44.3	37.
52.8	136.3	16511.2	100.0	-62.3	99.9	999.9	99.9	99.	99.9	487.4	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 20
ADA, OKLAHOMA

9 MAY 1979
2031 GMT

128 75. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.4	312.3	968.2	29.0	18.1	180.0	12.9	0.0	12.9	305.0	342.1	13.7	52.0	0.3	0.
99.9	99.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	963.9	99.9	999.9	999.9	999.
0.8	11.3	683.3	950.0	25.1	17.3	167.4	9.9	-2.1	9.6	302.7	338.3	13.2	61.9	0.4	340.
1.5	13.2	783.4	925.0	22.2	15.1	171.6	11.5	-1.7	11.3	302.9	333.8	11.8	64.3	0.8	344.
2.2	15.0	951.4	900.0	20.4	15.5	177.7	12.7	-0.5	12.7	302.6	336.0	12.4	73.1	1.4	348.
2.9	17.6	1194.3	875.0	17.2	14.3	187.2	12.7	1.6	12.6	301.6	333.6	11.9	83.6	1.8	352.
3.7	19.9	1401.9	850.0	15.8	13.5	186.8	16.6	2.0	16.5	302.8	331.1	11.6	86.3	2.5	356.
4.5	22.2	1605.8	825.0	13.8	12.3	187.2	16.7	2.1	16.6	303.2	333.0	11.0	90.5	3.3	359.
5.4	24.6	1815.8	800.0	15.3	11.6	186.9	19.3	2.3	19.2	307.5	337.4	10.8	79.3	4.3	1.
6.4	27.1	2029.1	775.0	15.9	-13.1	188.1	19.5	2.8	19.3	314.1	319.5	1.8	10.2	5.5	2.
7.6	29.8	2256.4	750.0	17.0	-83.3	192.2	17.6	3.7	17.2	315.1	320.9	1.8	11.3	6.5	3.
8.3	31.9	2394.5	725.0	15.5	-12.3	189.0	14.9	4.8	14.1	316.5	323.0	2.1	13.6	7.8	5.
9.3	34.3	2576.7	700.0	13.5	-12.4	202.5	14.2	5.4	13.1	317.5	324.1	2.1	15.3	8.3	7.
10.3	37.4	2835.1	675.0	10.9	-11.3	204.2	14.7	6.0	13.4	317.9	325.4	2.4	17.8	9.1	8.
11.5	3..4	3023.0	650.0	8.0	-13.4	202.6	16.2	6.2	14.9	316.3	323.5	2.0	19.6	10.1	10.
12.6	4..3	3227.4	625.0	4.9	-12.4	205.0	17.4	7.4	15.8	315.3	325.2	2.3	25.3	11.2	11.
13.7	44.7	3469.7	600.0	2.2	-15.1	210.5	18.7	9.5	16.1	316.6	324.9	2.0	20.6	12.4	13.
15.0	47.4	3702.6	575.0	-1.2	-17.3	212.7	19.6	10.6	16.5	318.6	324.1	1.7	29.1	13.8	15.
16.3	5..2	5956.7	550.0	-4.3	-17.9	213.1	21.7	11.9	18.2	319.3	324.5	1.7	33.6	15.3	17.
17.7	53.1	5819.0	525.0	-7.7	-24.7	216.9	23.8	14.3	19.0	319.2	322.5	1.0	24.5	17.1	19.
19.0	55.3	5797.1	500.0	-9.8	-37.2	212.7	21.8	11.8	18.3	321.1	322.2	0.3	8.5	18.9	20.
20.3	5..3	6193.8	475.0	-11.9	-39.9	209.3	17.8	8.4	15.7	323.2	324.1	0.2	7.6	20.4	21.
21.6	62.1	6603.4	450.0	-13.9	-41.2	207.1	13.5	6.1	12.0	325.8	326.6	0.2	7.8	21.6	21.
23.1	65.3	7034.4	425.0	-17.3	-43.4	213.6	12.7	7.0	10.6	326.9	327.6	0.2	8.1	22.7	22.
24.5	68.5	7484.9	400.0	-21.4	-46.1	218.8	13.7	8.5	10.7	327.2	327.7	0.1	8.6	23.8	22.
26.2	71.9	7957.4	375.0	-25.1	-46.7	227.7	16.3	12.0	10.9	329.4	329.8	0.1	9.0	25.2	24.
28.1	75.4	8455.4	350.0	-28.5	-51.0	229.3	20.6	15.6	13.4	330.4	330.8	0.1	9.3	27.1	26.
30.0	79.3	8982.5	325.0	-32.5	-53.9	227.9	20.1	14.9	13.5	331.8	332.1	0.1	9.7	29.4	27.
31.9	83.3	9541.4	300.0	-37.3	-57.3	229.6	20.4	15.5	13.2	332.9	333.1	0.1	10.2	31.6	29.
33.9	86.8	10135.6	275.0	-42.7	99.9	234.5	19.1	15.5	11.1	333.3	999.9	99.9	999.9	33.7	30.
36.0	91.0	10771.6	250.0	-47.3	99.9	234.9	20.8	17.0	11.9	335.8	999.9	99.9	999.9	35.8	32.
38.2	95.4	11455.6	225.0	-53.5	99.9	240.5	24.1	21.0	11.9	336.6	999.9	99.9	999.9	38.6	34.
41.5	10 .2	12237.6	200.0	-59.1	99.9	245.6	27.5	25.0	11.4	339.2	999.9	99.9	999.9	41.8	36.
43.2	105.4	13243.5	175.0	-57.3	99.9	236.0	27.1	22.5	15.1	355.4	999.9	99.9	999.9	45.7	39.
44.1	111.0	14218.0	150.0	-60.5	99.9	224.0	27.8	19.3	20.6	365.8	999.9	99.9	999.9	50.3	40.
49.6	117.3	15146.3	125.0	-62.0	99.9	230.5	27.8	21.4	17.7	382.7	999.9	99.9	999.9	55.9	40.
53.5	124.9	16522.5	100.0	-60.7	99.9	225.2	26.2	18.6	18.4	410.4	999.9	99.9	999.9	62.2	42.
58.0	132.3	19331.1	75.0	-64.3	99.9	999.9	99.9	99.9	99.9	438.1	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 20
ADA, OKLAHOMA

9 MAY 1979
2340 GMT

128 99. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PUT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.7	312.3	967.4	27.0	17.8	150.0	4.1	-2.1	3.6	303.0	339.0	13.4	57.0	0.0	0.
99.9	99.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.6	11.4	671.5	952.0	23.8	17.0	154.5	11.3	-4.9	10.2	301.4	336.2	13.0	65.7	0.4	334.
1.4	13.7	704.1	927.0	21.4	16.1	157.3	13.3	-5.1	12.3	301.2	334.8	12.5	71.6	0.9	335.
2.3	16.2	742.3	900.0	20.2	16.4	160.7	15.7	-5.2	14.8	302.3	337.8	13.2	79.0	1.7	337.
3.0	18.6	1193.0	875.0	18.1	15.9	168.3	16.5	-3.4	16.2	303.6	337.9	13.1	86.7	2.4	338.
3.8	21.2	1433.4	850.0	16.7	14.1	178.4	19.3	-0.5	19.3	304.6	336.3	12.0	86.8	3.3	343.
4.8	23.7	1487.8	825.0	14.4	12.3	182.9	18.3	0.9	18.3	303.8	333.7	11.0	87.3	4.4	348.
5.9	26.2	1767.6	800.0	12.3	11.4	183.8	19.7	1.3	19.7	304.3	333.5	10.7	94.2	5.5	351.
6.7	28.9	2216.1	775.0	19.3	-20.5	185.4	20.6	1.9	20.5	313.5	315.8	0.7	6.0	6.6	353.
7.6	31.4	2496.8	750.0	17.9	-21.2	186.8	18.5	1.5	18.4	316.0	319.1	0.9	5.5	7.5	355.
8.5	34.0	2784.5	725.0	15.7	-22.3	186.4	17.3	1.9	17.1	316.7	319.8	0.9	5.7	8.5	356.
9.6	36.7	3081.4	700.0	14.6	-18.7	191.1	14.5	2.8	14.3	318.7	322.8	1.3	8.5	9.3	357.
10.6	39.4	3386.6	675.0	11.5	-16.3	199.5	13.6	4.5	12.8	318.5	323.6	1.6	12.6	10.1	358.
11.4	42.1	3699.9	650.0	8.7	-17.0	201.8	16.3	6.1	15.2	318.9	323.9	1.5	14.2	10.9	0.
12.5	45.0	4022.2	625.0	5.7	-18.6	201.4	16.8	6.1	15.6	319.0	323.8	1.4	15.4	11.9	2.
13.6	47.9	4354.3	600.0	2.8	-23.3	203.8	17.9	7.0	16.5	319.3	322.6	1.0	12.8	13.0	4.
14.7	50.9	4696.3	575.0	-0.2	-25.3	213.8	22.5	12.6	18.7	319.8	322.6	0.8	12.8	14.3	6.
15.8	53.9	5049.7	550.0	-3.5	-28.0	211.5	25.1	13.1	21.4	320.0	322.3	0.7	12.8	15.7	9.
17.0	57.0	5414.7	525.0	-7.0	-29.6	212.2	24.4	13.0	20.6	320.0	322.1	0.6	14.5	17.4	11.
18.2	60.1	5791.1	500.0	-9.6	-37.9	215.2	22.1	12.8	18.1	321.3	322.3	0.3	7.8	18.9	13.
19.4	63.4	6187.5	475.0	-11.8	-38.7	211.7	20.3	13.7	17.3	326.4	329.4	0.3	8.0	20.4	15.
20.7	66.8	6600.5	450.0	-14.3	-40.9	214.1	18.1	10.2	15.0	325.3	326.1	0.2	8.3	21.8	16.
22.1	70.3	7031.5	425.0	-17.0	-42.7	223.5	19.4	13.3	14.1	327.2	327.9	0.2	8.6	23.1	17.
23.5	73.7	7483.0	400.0	-20.5	-45.9	225.8	20.4	14.7	14.2	328.3	329.9	0.2	9.0	24.6	19.
25.0	77.4	7956.8	375.0	-24.8	-47.8	231.9	18.4	14.4	11.3	329.0	329.5	0.1	9.4	26.2	21.
26.7	81.3	8454.5	350.0	-29.3	-50.2	232.5	19.5	15.5	11.9	329.3	329.7	0.1	11.0	27.8	23.
28.3	85.3	8979.3	325.0	-33.4	-52.9	236.4	20.8	16.6	11.1	330.7	331.0	0.1	11.9	29.5	25.
30.0	89.3	9536.0	300.0	-37.9	-56.0	239.8	18.1	15.6	9.1	331.9	332.2	0.1	12.9	31.1	27.
31.9	93.8	10129.0	275.0	-43.0	99.9	235.6	20.8	17.1	11.7	332.9	999.9	99.9	999.9	33.0	29.
33.9	98.4	10764.9	250.0	-48.0	99.9	241.6	22.7	19.9	10.8	334.7	999.9	99.9	999.9	35.1	31.
35.6	103.2	11450.2	225.0	-53.8	99.9	245.7	22.0	20.1	9.1	336.4	999.9	99.9	999.9	37.3	33.
37.5	108.6	12177.3	200.0	-59.8	99.9	254.8	23.4	22.5	6.5	338.2	999.9	99.9	999.9	39.3	35.
39.7	114.4	13027.5	175.0	-59.3	99.9	242.6	24.9	22.1	11.5	352.1	999.9	99.9	999.9	41.9	38.
42.1	120.8	13992.5	150.0	-60.5	99.9	239.8	27.4	23.7	13.8	365.8	999.9	99.9	999.9	45.3	39.
44.8	127.7	15118.8	125.0	-64.7	99.9	999.9	99.9	99.9	99.9	377.8	999.9	99.9	999.9	49.7	41.
48.3	135.7	16493.8	100.0	-64.2	99.9	999.9	99.9	99.9	99.9	403.7	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 20
ADA, OKLAHOMA

10 MAY 1979
207 GMT

129 96. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	9.9	312.0	967.6	25.0	18.0	170.0	4.1	-0.7	4.0	301.0	337.1	13.5	65.0	0.0	0.
9.3	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
1.4	11.5	474.2	950.0	24.4	16.5	999.9	99.9	99.9	99.9	302.0	340.2	14.3	69.5	999.9	999.
1.5	14.0	707.4	925.0	22.2	17.7	999.9	99.9	99.9	99.9	302.0	339.6	14.0	75.6	999.9	999.
2.5	16.5	946.3	900.0	21.2	17.6	166.6	20.0	-5.3	19.2	303.4	341.9	14.3	79.9	2.2	340.
3.5	19.9	1193.4	875.0	18.2	16.3	171.0	21.2	-3.3	21.0	302.7	338.9	13.5	88.5	3.4	342.
4.4	21.4	1438.7	850.0	16.1	15.2	178.9	21.4	-0.4	21.4	303.1	337.9	12.9	94.1	4.5	346.
5.4	24.0	1682.1	825.0	14.1	13.0	182.3	22.1	0.9	22.1	303.5	336.7	11.5	93.3	5.8	350.
6.3	27.6	1952.1	800.0	12.6	11.5	183.3	23.9	1.6	23.8	304.5	336.0	10.8	93.4	7.0	352.
7.1	29.1	2213.1	775.0	10.2	8.8	187.9	22.9	1.1	22.7	304.8	333.4	9.3	91.8	8.2	354.
8.1	31.7	2482.1	750.0	13.4	-35.3	196.4	21.8	5.4	21.1	311.1	312.0	0.2	1.9	9.4	356.
9.3	36.4	2777.4	725.0	13.90	99.9	197.8	25.3	7.7	24.1	314.7	999.9	99.9	999.9	10.6	358.
9.3	37.1	3071.7	700.0	12.50	99.9	204.9	23.5	9.9	21.3	316.3	999.9	99.9	999.9	11.9	1.
10.4	39.9	3375.2	675.0	11.10	99.9	218.5	17.2	10.7	13.5	318.1	999.9	99.9	999.9	12.9	3.
11.4	42.5	3686.1	650.0	8.0	-30.7	223.4	13.3	9.2	9.7	318.9	319.6	0.5	6.4	13.5	6.
12.2	45.4	4007.5	625.0	5.1	-35.1	213.6	17.4	9.7	14.5	318.3	319.4	0.3	3.5	14.4	8.
14.3	48.4	4340.7	600.0	2.2	-35.6	218.7	19.8	12.4	15.5	318.6	319.7	0.3	4.2	15.5	10.
15.1	51.3	4681.4	575.0	-0.4	-50.2	225.8	22.7	16.3	15.8	319.5	319.8	0.1	1.0	16.7	12.
16.2	54.4	5035.5	550.0	-2.9	-51.9	226.2	23.5	17.0	16.3	320.7	320.9	0.1	1.0	18.0	15.
17.4	57.4	5401.9	525.0	-5.7	-53.5	223.7	21.5	15.1	15.8	321.6	321.8	0.0	1.0	19.4	18.
18.5	60.6	5781.9	500.0	-8.7	-55.4	219.0	18.8	11.8	14.6	322.4	322.6	0.0	1.0	20.7	19.
19.4	63.3	6178.2	475.0	-9.7	-56.1	213.4	18.6	10.2	15.5	325.9	326.1	0.0	1.0	22.8	20.
21.1	67.3	6592.4	450.0	-12.9	-58.1	221.4	16.9	11.1	12.7	327.1	327.2	0.0	1.0	23.5	21.
22.7	70.7	7025.6	425.0	-16.5	-60.4	226.1	17.0	12.2	11.8	327.8	327.9	0.0	1.0	24.8	23.
24.1	74.3	7478.3	400.0	-21.4	-62.9	225.1	17.0	12.0	12.0	328.5	328.6	0.0	1.0	26.1	24.
25.5	77.9	7952.0	375.0	-24.3	-65.3	222.4	18.1	12.2	13.4	329.5	329.5	0.0	1.0	27.6	25.
27.1	81.7	8453.4	350.0	-29.4	-65.5	227.8	19.6	14.5	13.2	330.5	330.6	0.0	1.4	29.2	26.
28.7	85.7	8977.8	325.0	-32.4	-66.4	231.2	20.6	16.0	12.9	332.1	332.1	0.0	1.9	31.0	27.
30.3	89.8	9539.4	300.0	-37.4	-68.1	235.2	22.2	18.2	12.7	332.7	332.8	0.0	2.4	32.9	29.
32.1	94.2	10131.2	275.0	-42.3	99.9	240.5	21.7	18.9	10.7	334.0	999.9	99.9	999.9	35.0	31.
34.1	98.7	10766.3	250.0	-47.5	99.9	241.4	21.7	19.1	10.4	335.4	999.9	99.9	999.9	37.2	33.
36.1	103.6	11450.3	225.0	-52.7	99.9	246.7	22.4	20.6	8.9	337.7	999.9	99.9	999.9	39.6	35.
38.3	108.9	12206.9	200.0	-58.3	99.9	270.6	20.4	20.4	-0.2	340.4	999.9	99.9	999.9	41.4	37.
40.3	114.6	13043.9	175.0	-59.2	99.9	270.1	18.2	18.2	-0.0	352.2	999.9	99.9	999.9	42.5	40.
42.0	121.8	14003.5	150.0	-63.5	99.9	241.9	24.9	21.9	11.7	360.6	999.9	99.9	999.9	44.7	41.
43.2	127.9	15120.4	125.0	-64.4	99.9	232.8	28.9	23.0	17.5	378.5	999.9	99.9	999.9	49.6	43.
43.3	135.7	16491.4	100.0	-63.8	99.9	999.9	99.9	99.9	99.9	424.4	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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STATION NO. 20
ADA, OKLAHOMA

10 MAY 1979
526 GMT

107 132. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.1	312.0	967.5	23.8	17.4	160.0	4.6	-1.6	4.3	299.8	335.3	13.4	69.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	1.6	671.3	950.0	21.4	16.4	159.1	13.4	-4.8	12.5	298.9	332.1	12.5	73.5	0.5	335.
1.2	12.9	702.3	925.0	19.0	15.M	161.0	18.8	-6.1	17.8	298.8	331.6	12.3	81.5	1.0	337.
1.9	15.1	937.3	900.0	17.5	15.7	167.4	24.7	-5.4	24.1	299.6	333.2	12.4	89.3	2.1	340.
2.8	17.4	1179.7	875.0	17.8	16.5	171.8	26.9	-3.8	26.8	302.1	338.6	13.6	93.1	3.4	344.
3.6	19.6	1420.9	850.0	16.8	13.4	176.8	26.6	-1.5	26.5	301.8	332.7	11.5	91.7	4.6	348.
4.3	22.9	1490.4	825.0	16.2	11.1	182.3	26.4	1.1	26.4	303.6	331.3	10.1	81.7	5.7	349.
5.2	24.4	1743.6	803.0	12.4	11.0	184.7	26.0	2.1	25.9	304.3	332.9	10.4	91.6	7.1	352.
6.0	26.7	2237.7	775.0	14.9	-26.2	187.2	22.5	2.8	22.3	309.8	318.1	3.0	28.3	8.3	354.
6.9	29.2	2486.9	750.0	18.0	-38.9	191.1	18.8	3.6	18.4	316.2	316.8	0.2	1.0	9.3	356.
7.7	31.6	2775.1	725.0	16.2	-37.8	200.4	16.7	5.8	15.7	317.2	318.0	0.2	1.3	10.2	357.
8.7	34.1	3071.1	700.0	13.9	-39.1	210.8	16.6	8.5	14.3	317.9	318.5	0.2	1.3	11.0	360.
9.7	36.7	3375.7	675.0	11.5	-38.9	213.4	19.1	10.5	15.9	318.5	319.2	0.2	1.5	11.9	2.
10.6	39.3	3698.9	650.0	8.8	-38.9	216.5	20.2	12.0	16.2	318.9	319.7	0.2	1.6	12.8	5.
11.6	41.9	4011.3	625.0	6.0	-39.3	215.7	21.8	12.7	17.7	319.3	320.1	0.2	2.1	13.8	8.
12.6	44.6	4343.3	600.0	2.7	-37.8	213.1	22.6	12.3	18.9	319.2	320.1	0.2	3.2	15.0	10.
13.6	47.3	4685.2	575.0	-0.1	-34.8	212.1	22.8	12.1	19.3	319.9	321.1	0.3	5.2	16.3	12.
14.6	50.1	5038.6	550.0	-3.4	-36.6	210.8	20.8	13.7	23.0	320.0	321.1	0.3	5.5	17.8	14.
15.7	52.9	5403.9	525.0	-6.6	-38.2	214.3	27.9	15.7	23.1	320.8	321.7	0.3	5.9	19.4	15.
16.8	55.8	5784.5	500.0	-7.8	-39.0	221.4	22.4	14.8	16.8	323.6	324.5	0.3	6.0	21.1	17.
18.0	58.8	6181.6	475.0	-10.0	-40.4	219.4	18.5	11.7	14.3	325.5	326.4	0.2	6.2	22.4	19.
19.2	61.9	6595.3	450.0	-13.5	-42.4	216.8	18.3	11.0	14.7	326.3	327.1	0.2	6.6	23.5	20.
20.4	65.0	7027.4	425.0	-16.4	-44.2	220.3	18.7	12.1	14.3	327.9	328.5	0.2	6.9	24.9	20.
21.6	68.4	7490.4	400.0	-20.0	-45.8	224.1	20.9	14.5	15.0	329.0	329.6	0.2	7.9	26.3	22.
23.2	71.7	7955.2	375.0	-24.0	-48.5	227.4	20.3	14.9	13.7	329.8	330.3	0.1	8.3	27.7	23.
24.4	75.1	8454.1	350.0	-28.3	-51.4	228.9	19.5	14.6	13.0	330.7	331.0	0.1	8.7	29.3	24.
25.8	78.9	8981.2	325.0	-32.6	-54.4	228.2	23.9	17.3	16.6	331.7	332.0	0.1	9.2	30.8	26.
26.9	82.6	9543.6	300.0	-36.6	-57.2	233.1	22.4	17.9	13.4	333.8	334.1	0.1	9.6	32.5	27.
28.7	87.5	10137.0	275.0	-41.5	99.9	236.2	19.6	16.3	10.9	335.1	999.9	99.9	999.9	34.1	29.
30.3	93.7	10775.8	250.0	-46.9	99.9	240.7	21.3	18.6	10.4	336.3	999.9	99.9	999.9	36.0	30.
32.1	99.2	11465.6	225.0	-52.4	99.9	248.9	21.3	19.9	7.6	338.2	999.9	99.9	999.9	37.8	32.
34.1	99.8	12217.5	200.0	-57.4	99.9	261.2	21.6	21.3	3.3	341.9	999.9	99.9	999.9	39.8	35
36.3	105.8	13050.0	175.0	-61.7	99.9	288.7	10.3	9.8	-3.3	348.1	999.9	99.9	999.9	41.8	37.
38.8	110.6	13989.9	150.0	-66.2	99.9	999.9	99.9	99.9	99.9	356.1	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
# BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 20
ADA, OKLAHOMA

10 MAY 1979
803 GMT

116 99. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.0	312.0	969.5	23.9	18.9	160.0	10.3	-3.5	9.7	299.8	337.8	14.1	72.0	0.0	0.
9**.9	9**.9	9**.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.
9**.9	9**.9	9**.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.
0.5	11.5	8**.*	950.0	21.9	18.1	172.1	15.7	-2.2	15.6	299.4	336.3	14.0	79.4	0.4	351.
1.3	17.6	712.5	925.0	20.6	18.3	176.4	19.0	-1.2	19.0	300.3	338.8	14.5	86.9	1.0	352.
2.1	1**.*	9**.*	900.0	20.2	17.1	183.0	27.7	1.4	27.7	302.3	344.1	15.6	93.2	2.1	356.
2.6	14.1	1193.4	875.0	18.2	17.1	188.1	30.1	4.3	29.8	302.7	340.7	14.2	93.2	3.1	359.
3.4	2**.5	1442.2	850.0	16.6	14.8	193.6	29.3	5.7	28.7	303.6	337.8	12.6	89.0	4.4	3.
4.5	22.7	1696.5	825.0	14.5	12.3	192.0	23.3	4.9	22.8	303.9	334.0	11.0	87.1	5.8	6.
5.3	25.9	1956.3	800.0	12.6	10.3	189.0	23.6	3.7	23.3	304.6	331.9	9.9	85.6	7.0	6.
6.2	2**.*	2223.2	775.0	10.5	9.3	192.4	23.9	5.1	23.3	305.1	331.5	9.6	92.0	8.2	7.
7.0	2**.9	2495.9	750.0	9.3	6.7	199.9	23.1	7.9	21.8	306.6	326.9	7.2	73.6	9.4	8.
8.0	32.2	2780.6	725.0	15.2	-40.6	205.9	21.2	9.3	19.1	316.1	316.7	0.1	1.0	10.8	10.
9.3	34.7	3076.8	700.0	13.5	-41.6	205.2	19.1	8.1	17.3	317.4	318.0	0.1	1.0	11.8	12.
10.9	37.2	3384.3	675.0	10.9	-43.9	203.6	18.0	7.2	16.5	316.8	317.3	0.1	1.0	12.9	13.
11.3	39.7	3702.3	650.0	8.6	-41.7	203.0	18.0	7.0	16.6	318.6	319.1	0.1	1.0	14.0	13.
12.1	42.3	4031.3	625.0	6.4	-47.3	212.9	15.6	8.5	13.1	317.9	318.3	0.1	1.0	15.1	14.
13.3	45.0	4369.5	600.0	2.5	-48.4	221.1	14.2	9.3	10.7	319.0	319.3	0.1	1.0	15.9	16.
14.5	47.7	4719.5	575.0	-0.3	-50.2	212.6	19.3	10.4	16.3	319.6	319.9	0.1	1.0	17.1	17.
15.6	5**.*	5081.5	550.0	-1.7	-52.3	212.1	20.5	10.9	17.4	319.7	319.9	0.1	1.0	18.4	18.
16.9	53.2	5454.6	525.0	-6.7	-54.2	215.1	20.5	11.8	16.8	320.4	320.6	0.0	1.0	19.8	19.
18.2	55.1	5843.1	500.0	-9.3	-55.8	219.8	17.8	11.4	13.7	321.7	321.8	0.0	1.0	21.3	21.
19.6	5**.*	6247.*	475.0	-12.1	-57.6	219.2	21.0	13.3	16.1	323.0	323.2	0.0	1.0	22.9	22.
21.3	61.1	6669.6	450.0	-15.3	-59.7	216.9	19.1	11.5	15.3	324.0	324.1	0.0	1.0	24.5	23.
22.4	65.3	7108.9	425.0	-17.7	-61.2	211.1	17.8	9.2	15.2	326.3	326.4	0.0	1.0	26.1	24.
24.1	69.6	7573.0	400.0	-20.3	-62.9	210.7	17.8	9.1	15.3	328.7	328.7	0.0	1.0	27.8	24.
25.3	72.9	7984.4	375.0	-24.1	-65.3	213.7	19.0	10.6	15.8	329.7	329.7	0.0	1.0	29.8	25.
27.9	75.4	8444.4	350.0	-27.9	-67.8	211.5	22.0	11.5	18.7	331.1	331.2	0.0	1.0	32.1	25.
29.8	7**.0	8**1.*	325.0	-32.2	-69.4	214.5	23.2	13.2	19.2	332.4	332.4	0.0	1.2	34.7	26.
31.9	82.7	9532.3	300.0	-36.2	-70.9	222.1	21.2	14.2	15.7	334.3	334.3	0.0	1.6	37.5	27.
34.2	85.7	10133.3	275.0	-40.7	99.9	229.3	21.2	16.1	13.8	336.3	999.9	99.9	999.9	40.2	28.
36.6	93.9	10771.7	250.0	-46.2	99.9	234.1	21.9	17.7	12.8	337.3	999.9	99.9	999.9	43.1	30.
39.2	95.3	11463.4	225.0	-51.7	99.9	234.1	21.2	18.2	10.9	339.4	999.9	99.9	999.9	46.0	32.
41.5	100.2	12219.9	200.0	-56.5	99.9	264.6	16.7	16.6	1.6	343.3	999.9	99.9	999.9	48.3	34.
43.7	105.2	13053.9	175.0	-63.3	99.9	229.3	8.2	6.2	5.3	345.4	999.9	99.9	999.9	49.2	35.
44.1	113.6	13994.3	150.0	-65.7	99.9	221.2	20.7	13.6	15.6	350.9	999.9	99.9	999.9	50.7	35.
49.4	116.9	15102.4	125.0	-66.9	99.9	229.5	33.5	25.5	21.8	375.8	999.9	99.9	999.9	56.1	37.
54.2	123.7	16459.4	100.0	-65.0	99.9	999..	99.9	99.9	99.9	402.1	999.9	99.9	999.9	999.9	999.
9**.9	9**.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
9**.9	9**.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	9**.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
# BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 20
ADA, OKLAHOMA

10 MAY 1979
1100 GMT

94 452. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.7	312.0	969.6	22.4	19.2	150.0	4.6	-2.3	4.0	298.2	336.6	14.6	82.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	11.4	690.2	950.0	21.7	19.6	175.0	13.6	-1.2	13.5	299.3	339.6	15.3	87.5	0.5	347.
1.6	13.5	722.3	945.0	21.0	16.5	188.1	17.2	2.4	17.0	300.8	335.4	12.9	75.6	1.3	355.
2.5	15.7	959.7	900.0	19.9	16.6	201.4	20.8	7.6	19.4	302.0	337.9	13.4	81.4	2.2	4.
3.4	18.0	1203.2	875.0	19.6	14.4	211.5	19.6	10.3	16.7	304.2	336.6	11.9	71.7	3.3	12.
4.3	20.3	1453.9	850.0	18.8	12.0	216.3	18.7	11.1	15.0	305.1	333.8	10.4	67.7	4.3	17.
5.2	22.5	1708.7	825.0	17.0	11.1	216.5	18.7	11.1	15.1	306.6	334.6	10.1	68.0	5.3	21.
6.2	24.9	1970.7	800.0	14.6	9.4	218.3	19.3	12.0	15.1	306.7	332.7	9.3	71.8	6.3	24.
7.3	27.3	2239.1	775.0	12.6	8.6	219.0	18.8	11.9	14.6	307.4	332.8	9.1	76.2	7.2	26.
7.9	29.7	2511.8	750.0	9.9	8.0	220.4	18.2	11.8	13.9	307.3	332.5	9.0	80.8	8.2	27.
8.8	32.1	2795.5	725.0	7.9	4.4	227.4	16.5	12.1	11.2	308.2	329.6	7.6	82.4	9.2	29.
9.8	34.6	3087.1	700.0	11.8	-30.4	233.0	13.7	11.0	8.3	315.5	317.0	0.4	3.5	10.8	31.
10.9	37.1	3390.3	675.0	10.2	-43.3	229.2	13.9	10.5	9.1	317.1	317.5	0.1	1.0	10.8	32.
11.9	39.7	3702.0	650.0	7.8	-45.1	228.5	14.2	10.6	9.4	317.8	318.[illegible]	0.1	1.0	11.6	34.
13.0	42.2	4023.6	625.0	5.2	-48.9	227.7	14.5	10.8	9.8	318.5	319.[illegible]	0.2	2.0	12.6	35.
14.2	44.9	4354.[illegible]	600.0	2.1	-28.4	227.2	14.7	10.8	10.0	318.5	320.6	0.6	8.3	13.7	36.
15.7	47.7	4695.9	575.0	-0.9	-21.8	231.7	15.9	12.4	9.8	318.9	322.9	1.2	19.7	14.9	37.
17.0	50.3	5048.7	550.0	-3.5	-52.2	231.4	17.0	13.3	10.6	319.9	320.1	0.1	1.0	16.2	38.
18.3	53.2	5414.7	525.0	-5.2	-53.2	229.6	14.3	10.9	9.3	322.2	322.4	0.0	1.0	17.4	39.
19.4	56.1	5795.6	500.0	-8.0	-55.0	999.9	99.9	99.9	99.9	323.3	323.4	0.0	1.0	18.3	39.
20.6	59.1	6191.6	475.0	-11.3	-57.1	999.9	99.9	99.9	99.9	323.9	324.1	0.0	1.0	999.9	999.
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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STATION NO. 21
ALTUS,OKLAHOMA

9 MAY 1979
1105 GMT

123 101. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	81.0	422.0	953.2	21.3	17.9	130.0	6.2	-4.7	4.0	298.5	334.7	13.7	81.0	0.0	0.
99.9	99.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	81.3	451.1	950.0	21.0	17.9	140.9	7.9	-5.0	6.2	298.5	334.7	13.7	82.1	0.1	356.
0.7	83.5	692.4	925.0	19.5	17.3	173.5	13.1	-1.5	13.0	299.2	335.3	13.6	87.5	0.7	347.
1.5	85.8	918.3	900.0	17.8	16.6	182.9	16.0	0.8	16.0	299.9	335.4	13.4	92.7	1.2	352.
2.3	88.2	1159.8	875.0	16.4	15.4	197.4	19.5	5.8	18.6	300.8	336.8	12.7	93.8	2.3	359.
3.1	90.6	1407.1	850.0	15.6	14.7	208.6	21.9	10.5	19.2	302.5	336.1	12.5	94.2	3.0	8.
3.9	93.0	1661.0	825.0	14.5	13.6	213.4	22.7	12.5	18.9	303.9	335.6	12.0	94.4	4.0	14.
4.6	95.5	1921.5	800.0	13.4	-3.0	214.1	20.5	11.5	16.9	305.5	322.1	6.0	48.4	4.9	18.
5.5	98.3	2187.6	775.0	16.3	-19.5	202.5	19.5	7.4	18.0	311.4	314.7	1.1	7.0	5.9	20.
6.3	101.5	2465.5	750.0	15.1	-18.2	198.6	19.2	6.1	18.2	313.0	317.0	1.2	8.6	6.9	20.
7.1	104.8	2750.9	725.0	13.5	-39.0	203.8	19.0	7.1	18.5	314.2	314.9	0.2	1.3	7.9	23.
7.9	108.7	3044.5	700.0	11.5	-38.8	203.4	18.2	7.2	16.7	315.2	315.9	0.2	1.5	8.7	20.
8.8	112.6	3347.2	675.0	10.6	-41.4	207.2	17.0	7.8	15.1	317.5	317.9	0.1	1.0	9.7	21.
9.9	116.1	3657.3	650.0	8.0	-45.0	209.4	16.8	9.2	14.3	318.3	318.4	0.1	1.0	10.7	21.
11.0	119.9	3980.2	625.0	6.8	-49.5	209.3	16.2	8.9	13.9	318.8	319.7	0.2	2.3	11.9	22.
12.3	124.9	4311.0	600.0	1.6	-49.1	208.9	17.8	8.6	15.6	318.0	319.7	0.2	2.6	13.1	23.
13.1	127.7	4651.7	575.0	-1.3	-41.2	209.4	18.4	9.1	16.1	319.5	319.1	0.2	2.9	14.2	23.
14.1	132.6	5003.9	550.0	-6.4	-42.4	207.2	17.1	7.8	15.2	318.3	319.4	0.2	3.2	15.4	24.
15.2	138.6	5368.1	525.0	-7.4	-37.9	205.0	17.5	7.4	15.9	319.5	320.5	0.3	4.5	16.4	24.
16.3	144.4	5745.6	500.0	-13.6	-38.7	206.4	17.2	7.7	15.4	320.2	321.1	0.3	7.7	17.6	24.
17.4	151.3	6138.2	475.0	-13.2	-37.9	208.1	18.4	8.7	16.3	321.6	322.7	0.3	10.4	18.8	24.
18.7	158.1	6547.4	450.0	-16.4	-34.7	209.1	18.6	9.0	16.3	322.6	324.2	0.4	10.6	20.2	25.
19.9	164.6	6975.5	425.0	-19.2	-44.1	207.6	17.0	7.9	15.0	324.3	325.0	0.2	9.0	21.5	25.
21.2	172.1	7423.3	400.0	-21.7	-47.2	211.4	19.0	9.9	16.2	326.8	327.3	0.1	7.9	22.9	25.
22.6	179.7	7896.1	375.0	-25.1	-55.2	217.8	18.7	11.5	14.7	328.5	329.7	0.1	6.1	24.4	26.
24.1	79.5	8393.6	350.0	-29.0	-55.2	217.4	18.4	11.2	14.6	329.7	329.9	0.1	5.9	26.1	26.
25.6	81.5	8918.5	325.0	-33.4	-58.0	219.7	20.7	13.2	15.9	330.6	330.8	0.0	6.4	27.8	27.
27.3	47.5	9475.2	300.0	-38.3	-61.2	223.1	22.6	15.4	16.5	331.5	331.6	0.0	6.9	29.6	28.
29.7	91.8	10067.4	275.0	-43.5	99.9	225.4	22.3	15.9	15.7	332.2	999.9	99.9	999.9	31.7	29.
33.6	96.4	10731.0	250.0	-47.0	99.9	228.4	24.5	18.3	16.3	333.3	999.9	99.9	999.9	34.3	30.
32.4	101.8	11383.8	225.0	-56.5	99.9	233.6	22.9	18.5	13.6	335.0	999.9	99.9	999.9	37.2	32.
35.1	106.6	12128.7	200.0	-60.0	99.9	229.2	24.7	18.7	16.1	337.8	999.9	99.9	999.9	40.4	34.
37.6	112.3	12957.2	175.0	-63.2	99.9	229.5	28.4	21.6	18.5	345.7	999.9	99.9	999.9	44.1	35.
40.3	118.5	13818.4	150.0	-59.8	99.9	235.4	27.7	22.8	15.8	367.2	999.9	99.9	999.9	48.3	37.
43.6	125.5	15051.9	125.0	-61.6	99.9	999.9	99.9	99.9	99.9	383.5	999.9	99.9	999.9	53.9	38.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
# BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 21
ALTUS, OKLAHOMA

9 MAY 1979
1428 GMT

110 78. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.5	422.3	953.3	23.6	17.1	120.0	6.1	-5.3	3.0	300.8	335.6	13.0	67.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
9.1	13.7	652.3	950.0	22.9	16.0	135.7	8.7	-6.1	6.3	300.4	333.0	12.2	65.2	0.3	352.
3.7	12.8	680.5	925.0	20.9	17.2	158.8	12.7	-4.6	11.8	300.7	336.8	13.5	79.4	0.8	341.
1.5	14.9	921.4	900.0	18.5	16.9	173.7	14.6	-1.6	14.5	300.5	336.8	13.6	90.6	1.4	342.
2.2	17.1	1163.4	875.0	17.4	16.3	196.8	16.8	4.9	16.1	301.8	337.9	13.5	93.4	2.8	349.
3.3	19.3	1412.4	850.0	17.5	16.2	212.1	18.2	9.7	15.4	304.5	341.8	13.8	91.6	2.8	0.
3.9	21.5	1667.9	825.0	15.8	14.6	221.2	17.0	11.2	12.8	305.3	340.3	12.8	92.4	3.5	9.
4.9	23.8	1929.3	800.0	13.9	12.9	229.8	17.0	13.0	11.0	305.9	338.2	11.8	93.5	4.4	17.
7.8	26.1	2197.4	775.0	13.7	8.6	232.9	14.3	11.4	8.6	308.6	334.3	9.2	71.5	5.2	23.
6.7	28.4	2474.4	750.0	14.7	-3.7	221.4	12.9	8.5	9.7	312.5	326.3	3.9	28.5	5.8	28.
7.8	30.7	2761.2	725.0	14.9	-12.6	214.8	10.1	10.1	15.0	315.8	322.1	2.0	13.8	6.7	27.
5.8	33.2	3058.4	700.0	13.6	-21.1	209.6	22.3	11.8	19.4	317.5	320.9	1.0	7.3	8.0	28.
3.9	35.6	3361.4	675.0	11.4	-22.4	207.9	22.2	10.4	19.6	318.4	321.5	0.9	7.5	9.5	28.
11.1	38.1	3674.4	650.0	8.4	-20.7	207.4	21.7	10.0	19.3	318.4	322.2	1.1	10.7	11.1	28.
12.3	40.6	3998.4	625.0	5.3	-22.8	204.1	19.8	8.1	18.1	318.5	321.7	1.0	10.9	12.5	28.
13.6	43.2	4327.4	600.0	3.4	-21.7	196.6	19.2	5.5	18.4	318.9	322.6	1.1	14.9	13.8	27.
14.7	45.9	4669.5	575.0	-0.8	-24.6	187.1	18.1	2.2	17.9	319.1	322.1	0.9	14.3	15.1	26.
15.9	48.4	5022.5	550.0	-3.9	-25.3	188.2	19.3	2.8	19.1	319.5	322.5	0.9	16.9	16.4	24.
17.1	51.1	5388.5	525.0	-5.0	-32.7	200.0	20.2	6.9	19.0	322.4	324.0	0.5	9.2	17.8	23.
18.4	54.1	5769.5	500.0	-8.4	-35.0	208.2	20.7	9.8	18.3	322.9	324.2	0.4	9.5	19.4	23.
19.7	57.0	6166.6	475.0	-12.1	-35.1	206.9	19.3	8.7	17.2	323.0	324.4	0.4	12.6	21.0	24.
21.1	59.9	6575.5	450.0	-15.5	-36.0	205.1	18.8	8.0	17.0	323.8	325.2	0.4	15.3	22.6	24.
22.6	63.0	7003.3	425.0	-18.9	-36.5	209.5	18.8	9.2	16.3	324.8	325.9	0.3	15.7	24.2	24.
24.2	66.1	7452.5	400.0	-21.6	-40.6	213.4	20.3	11.2	17.0	326.9	327.9	0.3	16.8	26.1	25.
25.8	69.4	7924.9	375.0	-25.1	-43.3	214.2	21.7	12.2	17.9	328.4	329.2	0.2	16.3	28.1	25.
27.4	72.9	8422.2	350.0	-29.2	-44.1	216.8	21.5	12.9	17.3	329.4	330.2	0.2	22.1	30.3	26.
29.1	76.3	8947.6	325.0	-32.9	-48.4	216.0	22.2	12.4	18.4	331.4	331.9	0.1	19.2	32.4	27.
31.0	80.0	9505.5	300.0	-37.5	-52.2	218.4	25.0	15.5	19.6	332.5	332.9	0.1	19.6	35.0	27.
33.0	83.8	10099.7	275.0	-42.9	99.9	220.3	25.7	16.0	19.6	333.1	999.9	99.9	999.9	38.0	28.
35.1	87.9	10734.7	250.0	-48.7	99.9	223.5	26.1	18.0	18.9	333.7	999.9	99.9	999.9	41.2	29.
37.4	92.2	11420.2	225.0	-53.4	99.9	232.8	27.5	21.9	16.6	336.7	999.9	99.9	999.9	44.5	31.
39.9	96.9	12170.1	200.0	-58.2	99.9	228.8	28.6	21.5	18.9	340.6	999.9	99.9	999.9	48.7	33.
42.6	101.8	13001.9	175.0	-63.1	99.9	229.5	29.7	22.6	19.3	345.8	999.9	99.9	999.9	52.8	34.
45.7	107.2	13959.5	150.0	-58.1	99.9	225.8	27.1	19.2	19.1	370.0	999.9	99.9	999.9	58.3	36.
49.1	113.3	15181.2	125.0	-61.2	99.9	223.3	27.4	18.8	19.9	384.1	999.9	99.9	999.9	63.6	36.
53.1	120.0	16478.4	100.0	-61.6	99.9	999.9	99.9	99.9	99.9	408.8	999.9	99.9	999.9	69.9	37.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 21
ALTUS,OKLAHOMA

9 MAY 1979
1705 GMT

126 9.. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	11.3	422.0	953.4	25.4	17.8	140.0	5.1	-3.3	3.9	302.7	339.3	13.7	63.8	0.3	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	11.6	453.6	950.0	25.3	19.1	147.2	6.7	-3.6	5.6	302.9	340.3	13.9	84.3	3.2	355.
0.5	13.9	688.2	925.0	23.9	18.6	161.2	9.6	-3.1	9.1	303.8	343.5	14.8	72.2	0.6	346.
1.3	16.2	927.4	900.0	21.5	18.8	169.4	9.9	-1.8	9.7	303.7	345.0	15.4	88.2	1.1	345.
2.3	18.6	1172.2	875.0	19.1	18.1	178.5	9.5	-0.2	9.5	303.7	344.4	15.2	93.7	1.5	347.
2.7	21.1	1421.5	850.0	17.4	16.6	191.8	12.7	2.6	12.4	304.4	342.6	14.2	95.8	1.9	351.
3.5	23.5	1676.9	825.0	15.6	14.8	206.4	14.0	6.2	12.5	305.1	340.4	13.0	94.7	2.5	359.
4.3	26.0	1939.4	800.0	14.1	13.2	217.2	12.5	7.6	10.0	306.1	339.1	12.0	96.5	3.1	5.
5.2	28.5	2207.1	775.0	14.4	2.5	219.7	6.9	4.4	5.3	309.3	326.8	8.1	45.5	3.6	11.
5.2	31.1	2480.3	750.0	14.8	-7.7	203.3	6.4	2.5	5.9	312.6	328.4	2.9	23.5	3.9	12.
7.3	33.7	2759.1	725.0	14.1	-19.4	205.2	12.7	5.4	11.5	314.9	318.8	1.1	8.3	4.4	13.
8.3	36.4	3045.2	700.0	13.6	-40.1	209.2	20.6	10.1	18.0	317.5	319.1	0.2	1.2	5.3	16.
9.2	39.1	3340.0	675.0	11.7	-42.7	209.3	24.5	11.6	21.6	318.8	319.3	0.1	1.0	6.7	19.
10.2	41.9	3643.3	650.0	8.9	-37.6	205.2	23.1	9.8	20.9	319.1	319.9	0.2	2.1	8.1	23.
11.4	44.7	4005.1	625.0	5.9	-33.5	200.5	21.5	7.5	20.2	319.2	320.6	0.4	4.1	9.6	21.
12.5	47.5	4337.1	600.0	2.9	-32.0	199.7	23.1	7.8	21.8	319.5	321.0	0.4	5.5	11.3	21.
13.5	50.5	4679.6	575.0	-0.2	-30.9	201.2	23.5	8.5	21.9	319.8	321.0	0.3	5.2	12.8	21.
14.7	53.5	5032.4	550.0	-2.7	-41.7	200.8	21.6	7.7	20.2	320.[illegible]	321.6	0.2	3.1	14.1	21.
15.8	56.6	5393.0	525.0	-6.7	-38.2	199.7	22.5	7.6	21.2	320.4	321.3	0.3	6.0	15.6	21.
17.1	59.9	5777.5	500.0	-9.3	-37.1	201.6	22.6	8.3	21.0	321.7	322.6	0.3	8.7	17.9	21.
18.5	63.2	6172.2	475.0	-11.6	-44.9	202.6	20.3	7.8	18.7	323.6	324.1	0.1	6.4	19.1	21
19.8	66.3	6593.4	450.0	-14.7	-51.9	205.9	22.7	9.9	20.4	324.7	325.0	0.1	2.5	20.8	21
21.3	69.7	7013.7	425.0	-18.2	-53.1	209.3	24.4	11.9	21.2	325.7	325.9	0.1	2.9	22.9	21
22.7	73.3	7463.6	400.0	-21.4	-54.5	213.9	24.8	13.9	20.6	327.2	327.4	0.1	3.2	24.9	22.
24.1	76.9	7936.3	375.0	-25.0	-52.8	215.0	23.9	13.7	19.6	329.5	328.8	0.1	5.5	27.3	23.
25.7	80.7	8433.4	350.0	-29.5	-52.3	216.9	23.3	14.0	18.6	329.0	329.3	0.1	8.9	29.1	24.
27.2	84.7	8958.2	325.0	-33.3	-56.9	219.9	24.7	15.8	18.9	330.8	331.1	0.1	9.2	31.1	25.
28.7	88.7	9516.8	300.0	-37.2	-57.7	223.6	26.0	17.9	18.8	333.[illegible]	333.2	0.0	9.7	33.4	26.
30.4	93.0	10111.2	275.0	-42.5	99.9	223.0	28.9	19.7	21.1	333.7	999.9	99.9	999.9	36.1	28.
32.1	97.6	10747.6	250.0	-47.9	99.9	222.2	27.6	18.5	20.4	334.9	999.9	99.9	999.9	37.3	29.
34.4	102.4	11433.9	225.0	-53.6	99.9	223.9	26.3	18.2	18.9	336.3	999.9	99.9	999.9	42.6	33.
37.3	107.5	12192.3	200.0	-58.4	99.9	225.8	27.5	19.7	19.2	340.3	999.9	99.9	999.9	45.4	31.
39.6	113.3	13016.6	175.0	-62.3	99.9	225.3	37.2	26.5	26.2	347.2	999.9	99.9	999.9	51.2	33.
42.8	119.3	13973.9	150.0	-60.2	99.9	223.7	28.4	19.9	20.8	366.4	999.9	99.9	999.9	56.1	36.
45.6	126.2	15115.9	125.0	-59.9	99.9	221.8	27.8	18.6	20.8	386.6	999.9	99.9	999.9	61.7	35.
48.5	133.7	16533.6	100.0	-59.3	99.9	999.9	99.9	99.9	99.9	413.3	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

> BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 21
ALTUS, OKLAHOMA

5 MAY 1979
2005 GMT

126 90. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.0	422.0	952.1	29.0	18.7	110.0	7.2	-6.8	2.5	306.4	345.9	14.5	94.0	0.0	0.
99.9	99.0	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	993.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	11.2	441.7	950.0	28.5	18.8	113.7	7.9	-7.2	3.4	306.2	345.7	14.5	95.4	0.1	353.
0.9	13.4	670.3	925.0	25.4	19.6	144.9	13.4	-7.7	11.0	305.3	347.7	15.7	78.1	0.8	321.
1.8	15.8	916.0	900.0	23.5	19.4	149.2	15.3	-7.8	13.1	305.7	348.9	16.0	77.6	1.6	324.
2.1	18.2	1165.1	875.0	20.9	18.7	157.3	13.3	-5.1	12.3	305.5	348.0	15.7	87.3	2.0	328.
2.9	20.6	1416.1	850.0	18.9	17.3	174.6	11.7	-1.1	11.6	305.9	346.1	14.8	90.4	2.6	331.
3.9	23.0	1672.0	825.0	17.5	15.6	190.9	11.1	2.1	10.9	307.1	344.4	13.6	88.5	3.1	337.
4.9	25.5	1936.1	800.0	15.2	13.9	202.6	10.9	4.2	10.0	307.4	342.2	12.6	91.8	3.6	343.
5.7	28.1	2209.3	775.0	13.9	11.7	209.8	11.9	5.9	10.3	308.7	339.9	11.2	86.9	4.1	350.
6.8	30.6	2482.1	750.0	12.8	7.2	204.4	13.9	5.7	12.6	310.5	334.9	8.8	69.2	4.5	356.
7.4	33.2	2767.0	725.0	14.0	-40.2	200.9	16.9	6.7	17.7	314.8	322.6	2.5	18.2	5.3	358.
8.4	35.8	3062.6	700.0	13.9	-17.8	201.2	21.3	7.7	19.9	317.9	322.6	1.4	10.1	6.5	3.
9.1	38.6	3367.5	675.0	11.4	-17.4	200.8	25.6	8.8	24.0	318.4	323.2	1.5	11.6	7.8	5.
10.3	41.3	3680.7	650.0	8.9	-20.6	200.2	27.6	9.5	25.8	319.0	322.8	1.2	10.6	9.4	8.
11.6	44.1	4003.3	625.0	5.9	-22.6	202.5	23.8	9.1	22.0	319.2	322.5	1.0	10.9	11.1	10.
12.9	47.0	4335.3	600.0	3.1	-26.3	206.6	21.8	9.7	19.3	319.7	322.7	0.9	11.1	12.4	12.
13.7	49.9	4677.8	575.0	-0.1	-26.5	209.6	21.1	10.4	18.4	319.9	322.5	0.8	11.4	13.8	14.
14.9	52.9	5031.7	550.0	-3.1	-28.7	208.8	20.7	9.3	18.5	320.4	322.6	0.6	11.7	15.3	15.
16.1	55.9	5397.8	525.0	-6.2	-30.9	201.1	20.9	7.5	19.5	321.0	322.9	0.5	12.8	16.9	16.
17.5	59.0	5776.1	500.0	-9.7	-35.9	200.2	21.6	7.4	20.3	321.2	322.5	0.4	9.6	18.6	16.
18.3	62.3	6171.0	475.0	-11.8	-37.3	201.4	23.4	8.5	21.8	323.4	324.6	0.3	9.8	20.5	17.
20.3	65.6	6582.6	450.0	-14.7	-6.4	207.2	23.8	10.8	21.8	326.7	325.5	0.2	7.3	22.5	17.
21.7	68.9	7013.1	425.0	-17.4	-44.1	210.3	26.1	13.3	22.5	326.7	327.3	0.2	7.4	24.5	18.
23.2	72.4	7464.2	400.0	-20.9	-45.3	217.8	28.5	17.4	22.5	327.8	328.4	0.2	9.2	26.8	20.
24.5	76.0	7937.7	375.0	-24.3	-46.1	217.4	26.2	15.9	20.8	329.5	330.1	0.2	11.1	29.0	21.
26.1	79.7	8436.4	350.0	-28.7	-49.4	222.4	26.4	17.8	19.5	330.1	330.5	0.1	11.5	31.3	22.
27.9	83.7	8961.9	325.0	-33.1	-49.7	223.2	25.9	17.7	18.9	331.0	331.5	0.1	17.0	33.7	24.
29.5	87.7	9519.8	300.0	-37.6	-53.3	227.1	23.7	17.3	16.1	332.4	332.7	0.1	17.3	36.2	25.
31.4	92.0	10112.5	275.0	-42.5	99.9	228.9	24.3	17.5	16.9	333.7	999.9	99.9	999.9	38.6	27.
33.5	96.6	10743.4	250.0	-44.0	99.9	222.8	27.3	18.3	20.3	334.8	999.9	99.9	999.9	41.8	28.
35.7	101.4	11435.3	225.0	-53.7	99.9	228.1	29.1	21.0	19.4	336.2	999.9	99.9	999.9	45.3	30.
38.0	106.5	12192.5	200.0	-59.3	99.9	234.9	29.4	24.1	16.9	338.8	999.9	99.9	999.9	49.3	31.
40.8	112.2	13010.1	175.0	-62.3	99.9	235.4	29.8	24.5	16.9	347.2	999.9	99.9	999.9	53.6	34.
43.3	118.1	13872.5	150.0	-38.8	99.9	225.3	31.5	22.4	22.2	368.8	999.9	99.9	999.9	57.9	38.
46.4	125.0	15189.2	125.0	-61.9	99.9	223.5	31.3	21.6	22.7	383.0	999.9	99.9	999.9	63.9	36.
50.1	132.7	16496.1	100.0	-61.3	99.9	999.9	99.9	99.9	99.9	469.3	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 21
ALTUS,OKLAHOMA

9 MAY 1979
2305 GMT

124 98. 0

TIME MIN	CNFCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.5	422.3	950.6	27.0	18.1	110.0	10.3	-9.7	3.5	304.5	342.7	14.1	59.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	11.6	427.6	950.0	26.9	18.3	114.0	11.1	-10.2	4.5	304.5	342.7	14.1	59.3	0.0	356.
0.7	13.2	663.0	925.0	24.7	18.0	147.6	18.2	-9.7	15.3	304.6	343.2	14.3	66.4	0.7	325.
1.4	14.3	903.4	900.0	22.6	18.9	149.6	17.8	-9.0	15.3	304.8	346.3	15.4	78.9	1.4	327.
2.1	15.7	1142.6	875.0	19.9	18.3	153.4	15.8	-7.1	14.1	304.5	345.7	15.3	90.4	2.2	328.
2.9	21.1	1378.7	850.0	18.0	17.3	163.5	14.2	-4.0	13.6	305.0	344.4	14.6	94.1	2.8	330.
3.8	23.5	1614.7	825.0	16.2	15.3	176.2	14.2	-1.0	14.2	305.8	342.4	13.4	96.3	3.6	335.
4.8	27.3	1850.4	800.0	14.4	13.5	188.2	14.2	2.0	14.0	306.6	340.3	12.3	98.0	4.3	340.
5.6	27.6	2085.3	775.0	13.9	11.5	200.5	15.9	5.5	14.9	308.7	339.6	11.1	85.6	5.0	345.
6.4	31.1	2319.9	750.0	17.8	-25.0	204.4	18.8	7.7	17.1	316.0	318.2	0.7	3.9	5.6	350.
7.2	33.7	2552.2	725.0	16.0	-25.7	198.4	20.7	6.5	19.6	317.0	319.2	0.6	4.1	6.5	354.
8.1	37.3	2784.1	700.0	13.4	-26.4	202.3	19.7	7.4	18.3	317.3	319.4	0.6	4.4	7.5	358.
9.1	39.3	3015.4	675.0	10.6	-28.2	205.6	21.6	9.3	19.5	317.6	319.4	0.6	4.7	8.5	2.
10.1	41.9	3246.3	650.0	8.1	-29.4	208.7	23.1	11.1	20.2	318.1	319.9	0.5	4.9	9.9	5.
11.1	44.5	3476.1	625.0	5.4	-30.8	208.9	24.0	11.6	21.0	318.6	320.2	0.5	5.2	11.1	8.
12.2	47.4	3705.4	600.0	2.3	-32.4	209.6	23.2	11.4	20.1	318.7	320.2	0.4	5.5	12.5	11.
13.1	50.3	3934.8	575.0	-0.9	-32.8	209.3	23.7	11.6	20.7	318.9	320.4	0.4	6.8	13.9	12.
14.3	53.3	4163.0	550.0	-4.4	-32.3	209.7	23.1	11.4	20.0	318.8	320.4	0.5	9.1	15.3	14.
15.3	56.4	4390.3	525.0	-6.8	-37.6	205.4	27.7	11.9	25.0	320.2	321.3	0.3	6.5	16.8	15.
16.2	59.5	4616.1	500.0	-9.3	-37.1	205.2	28.8	12.3	26.1	321.7	322.6	0.3	6.7	18.4	16.
17.2	62.7	4840.0	475.0	-12.9	-38.1	210.4	27.6	13.9	23.8	322.0	323.0	0.3	10.0	20.0	17.
18.2	66.0	5063.5	450.0	-16.2	-40.4	215.7	28.7	16.8	23.4	322.9	323.8	0.2	10.3	21.6	18.
19.1	69.4	5285.7	425.0	-19.9	-37.1	222.0	24.2	16.2	18.0	324.8	326.1	0.4	18.1	23.1	20.
20.6	72.9	5505.1	400.0	-22.0	-36.3	219.6	26.0	16.6	20.0	326.5	328.0	0.4	25.7	24.9	21.
22.3	76.4	5720.7	375.0	-25.4	-42.9	221.2	28.2	18.5	21.2	328.0	328.8	0.2	17.6	27.3	23.
24.6	82.3	5930.1	350.0	-23.8	-47.7	230.1	24.7	19.0	15.9	329.9	330.4	0.1	14.1	29.3	25.
27.1	84.2	6130.3	325.0	-32.7	-50.7	231.5	27.7	21.7	17.3	331.7	332.1	0.1	14.5	31.6	27.
28.6	84.2	6330.0	300.0	-37.7	-53.4	233.0	28.0	22.4	16.9	332.3	332.6	0.1	17.4	34.0	29.
29.3	96.5	10781.6	275.0	-42.9	99.9	233.1	24.6	19.6	14.7	333.2	999.9	99.9	999.9	36.4	30.
30.2	97.3	13716.4	250.0	-49.0	99.9	230.0	26.8	20.6	17.2	334.8	999.9	99.9	999.9	39.1	32.
32.1	102.3	11491.1	225.0	-54.1	99.9	230.8	27.5	21.3	17.4	335.6	999.9	99.9	999.9	42.0	33.
33.2	107.3	12147.6	200.0	-59.1	99.9	236.4	30.0	24.9	16.6	339.1	999.9	99.9	999.9	45.5	34.
35.9	112.9	12773.3	175.0	-64.0	99.9	245.1	27.6	25.1	11.6	344.3	999.9	99.9	999.9	49.1	36.
38.6	118.9	13375.3	150.0	-59.4	99.9	236.2	29.0	24.1	16.2	367.8	999.9	99.9	999.9	51.7	38.
41.2	125.7	15365.9	125.0	-62.3	99.9	229.6	27.2	20.7	17.6	392.1	999.9	99.9	999.9	56.4	40.
44.6	133.1	16438.3	100.0	-63.5	99.9	999.9	99.9	99.9	99.9	435.1	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 21
ALTUS, OKLAHOMA

10 MAY 1979
208 GMT

125 96. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	88.3	422.0	953.2	26.1	19.0	120.0	11..	-9.8	5.6	301.6	340.8	14.7	73.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	88.3	423.0	953.0	26.1	19.0	999.9	99.9	99.9	99.9	301.6	340.9	14.7	73.1	999.9	999.
0.6	83.5	657.5	925.0	22.2	15.7	999.9	99.9	99.9	99.9	302.0	341.7	14.9	80.8	999.9	999.
1.5	85.9	896.2	900.0	21.1	18.7	999.9	99.9	99.9	99.9	303.3	344.3	15.3	86.9	999.9	999.
2.6	88.4	1140.3	875.0	18.9	17.8	167.7	34.5	-7.3	33.7	303.4	343.4	14.9	93.3	6.7	337.
3.3	2..9	1392.2	850.0	17.9	16.7	174.9	32.2	-0.6	32.2	304.9	343.6	14.3	92.8	8.5	342.
4.2	23.3	1646.4	825.0	17.6	15.1	195.3	26.6	7.0	25.7	307.2	343.6	13.3	89.4	7.0	346.
5.3	25.0	1910.1	800.0	18.1	9.7	216.5	24.4	14.5	19.6	310.5	337.3	9.5	57.9	8.9	351.
5.9	28.4	2182.5	775.0	18.9	-3.8	223.2	24.7	16.9	18.0	314.1	325.4	3.7	21.2	9.7	357.
6.9	31.0	2462.5	750.0	17.1	-11.9	214.2	28.2	15.9	23.4	315.1	321.5	2.0	12.6	10.7	3.
7.7	33.7	2753.4	725.0	16.1	-28.2	206.2	32.2	13.2	29.4	317.1	318.9	0.5	3.3	12.3	6.
8.5	36.3	3046.5	700.0	13.5	-26.7	203.9	32.2	13.0	29.4	317.8	319.9	0.6	4.3	13.9	8.
9.5	39.1	3351.1	675.0	11.8	-30.3	206.6	34.6	14.4	31.4	318.9	319.6	0.2	1.5	15.8	10.
10.6	41.9	3664.7	650.0	9.1	-30.9	206.0	36.8*	16.1	33.1	319.3	320.0	0.2	1.8	17.9	12.
11.7	44.7	3987.4	625.0	6.2	-39.2	205.7	37.7*	16.4	34.0	319.6	320.3	0.2	2.1	20.3	13.
12.8	47.5	4319.7	600.0	3.4	-39.8	204.8	41.0*	18.7	37.5	320.1	320.8	0.2	2.4	23.1	15.
13.9	50.6	4663.0	575.0	0.9	-40.5	208.9	38.7*	18.7	33.9	321.1	321.8	0.2	2.7	25.7	16.
15.1	53.6	5017.8	550.0	-2.3	-41.6	212.2	37.1*	19.8	31.6	321.3	322.0	0.2	3.0	28.3	17.
16.4	56.7	5385.1	525.0	-4.9	-42.6	212.1	39.7*	21.1	33.6	322.0	323.2	0.2	3.3	31.1	19.
17.7	59.8	5766.1	500.0	-7.9	-35.2	217.0	37.5*	23.0	29.7	323.4	324.8	0.4	9.0	34.1	20.
19.2	63.2	6162.1	475.0	-11.4	-27.3	221.6	37.8*	25.1	28.2	323.8	326.7	0.9	25.6	36.8	22.
20.2	66.4	6578.2	450.0	-14.9	-30.2	229.2	36.9*	28.0	24.1	324.5	326.9	0.7	25.6	39.4	23.
21.6	69.9	7384.6	425.0	-17.6	-37.1	232.9	34.5*	27.5	20.8	326.7	328.0	0.6	15.9	42.8	25.
23.1	73.3	7856.6	400.0	-20.6	-43.3	233.7	32.7*	26.4	19.4	328.5	329.3	0.2	10.7	46.7	27.
24.6	77.0	7933.5	375.0	-24.3	-44.2	232.7	34.9*	27.8	21.1	329.5	330.2	0.2	13.7	47.3	29.
25.3	80.7	9430.9	350.0	-27.8	-48.7	231.2	37.7*	29.6	23.6	331.3	331.8	0.1	11.4	50.6	30.
27.9	84.7	8958.8	325.0	-32.0	-51.8	232.5	34.6*	27.4	21.1	332.6	333.0	0.1	11.9	54.2	32.
29.7	89.0	9519.1	300.0	-36.2	-56.9	999.9	99.9	99.9	99.9	334.4	334.7	0.1	12.3	999.9	999.
31.6	93.2	10115.9	275.0	-42.8	99.9	999.9	99.9	99.9	99.9	334.4	999.9	99.9	999.9	999.9	999.
33.8	97.6	10754.6	250.0	-47.0	99.9	999.9	99.9	99.9	99.9	336.2	999.9	99.9	999.9	999.9	999.
36.3	102.4	11443.2	225.0	-52.6	99.9	999.9	99.9	99.9	99.9	338.0	999.9	99.9	999.9	999.9	999.
39.0	107.6	12193.7	200.0	-58.6	99.9	999.9	99.9	99.9	99.9	340.3	999.9	99.9	999.9	999.9	999.
41.8	113.3	13027.8	175.0	-61.1	99.9	999.9	381.1	27.2*	23.3	-14.8	349.2	999.9	99.9	999.9	80.4	39.
43.6	119.5	13979.4	150.0	-63.6	99.9	999.9	260.4	29.7*	29.2	5.8	360.5	999.9	99.9	999.9	80.5	41.
46.7	126.0	15093.5	125.0	-65.7	99.9	999.9	223.5	35.6*	24.5	25.8	376.8	999.9	99.9	999.9	87.6	42.
50.6	133.7	16446.5	100.0	-65.3	99.9	999.9	99.9	99.9	99.9	99.9	401.6	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 21
ALTUS, OKLAHOMA

10 MAY 1979
500 GMT

128 97. 0

TIME MIN	ENTRY	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.2	422.3	951.3	23.0	19.4	120.9	11.3	-9.8	5.6	300.4	340.4	15.1	80.3	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	11.3	438.1	950.0	22.9	19.5	125.3	11.8	-9.7	6.8	300.5	340.9	15.3	81.2	0.1	357.
0.8	13.6	557.1	925.0	21.3	20.3	151.6	17.2	-5.4	16.3	301.1	344.8	16.5	93.7	0.9	337.
1.6	16.3	696.7	900.0	19.6	18.9	164.6	21.1	-5.6	20.3	301.7	342.7	15.4	95.3	1.8	339.
2.6	19.5	1167.6	875.0	18.2	17.5	175.2	25.1	-2.1	25.0	302.7	341.9	14.6	95.7	3.2	343.
3.5	22.9	1345.9	850.0	17.1	16.5	184.4	25.6	2.0	25.5	304.1	342.0	14.1	96.0	4.6	349.
4.5	25.6	1652.3	825.3	17.0	13.9	192.6	25.6	5.6	25.0	306.5	340.1	12.2	82.2	6.1	356.
5.6	25.9	1716.1	800.0	15.6	9.3	205.1	20.8	8.8	18.9	310.8	337.0	9.3	55.3	7.1	357.
6.2	27.6	2155.6	775.0	17.8	6.1	219.0	13.4	12.2	15.0	313.0	335.2	7.7	48.5	8.3	1.
7.3	31.1	2466.4	750.0	17.4	-3.3	229.5	19.7	15.0	12.8	316.0	331.0	5.0	29.3	9.9	7.
8.1	33.7	2757.6	725.0	15.8	-3.6	233.6	20.3	16.4	12.1	316.8	329.1	4.0	26.0	9.6	11.
9.0	36.4	3054.2	700.0	13.4	-5.3	233.1	21.3	17.0	12.4	317.3	328.8	3.8	27.3	10.5	16.
10.0	39.1	3345.5	675.0	10.6	-7.6	231.1	19.5	15.2	12.2	317.5	327.5	3.2	27.6	11.5	19.
11.2	41.9	3631.2	650.0	7.7	-10.9	222.0	21.0	14.1	15.6	317.7	326.3	2.8	27.3	12.7	22.
12.1	44.7	3912.4	625.0	5.0	-15.0	212.7	23.9	12.9	20.1	318.2	324.3	1.9	26.8	14.3	24.
13.2	47.6	4188.1	600.0	2.4	-22.5	207.2	25.7	11.8	22.9	318.9	323.8	1.2	25.5	15.5	24.
14.2	50.5	4459.2	575.0	-0.1	-22.5	205.5	26.7	11.5	24.1	319.7	323.3	1.1	26.7	17.3	24.
15.3	53.5	4724.9	550.0	-3.0	-23.7	205.8	26.2	10.5	23.8	320.6	324.0	1.0	26.4	19.2	24.
16.6	56.6	4985.3	525.0	-5.6	-23.1	207.6	23.8	11.0	21.1	321.5	325.3	1.1	28.9	21.3	25.
17.5	59.4	5240.8	500.0	-8.3	-22.8	210.6	24.8	12.8	21.4	322.9	326.2	1.0	23.8	23.1	25.
18.8	63.1	5492.2	475.0	-12.0	-23.7	216.1	24.3	14.3	19.6	323.1	327.0	1.2	37.3	24.3	25.
20.2	66.8	5738.1	450.0	-14.8	-26.7	219.4	24.6	15.8	19.0	324.7	327.9	1.0	35.3	25.9	25.
21.5	69.4	7228.4	425.0	-16.7	-32.1	217.4	23.8	14.5	18.9	327.6	329.7	0.6	26.7	27.9	27.
23.3	73.4	7455.0	400.0	-19.6	-31.5	211.5	24.0	12.5	20.4	329.6	331.2	0.5	22.6	29.9	28.
24.7	77.1	7733.9	375.0	-23.6	-39.6	211.8	23.4	12.2	19.9	330.7	331.9	0.3	23.7	31.9	28.
25.9	81.3	8036.1	350.0	-27.2	-42.8	212.9	20.9	13.5	20.9	332.1	333.0	0.2	21.0	34.0	29.
27.8	86.9	8363.5	325.0	-31.3	-46.2	214.8	26.4	15.9	21.6	333.6	334.3	0.2	21.2	36.8	29.
29.3	90.9	8725.4	300.0	-35.7	-49.4	216.2	26.3	15.5	21.2	335.1	335.8	0.1	21.5	39.9	29.
31.7	93.9	9124.1	275.0	-41.1	99.9	219.2	25.8	16.0	20.3	335.8	999.9	99.9	999.9	41.6	35.
32.8	96.2	9575.5	250.0	-46.3	99.9	223.3	26.7	18.3	19.4	337.2	999.9	99.9	999.9	44.1	33.
36.6	103.5	11955.5	225.0	-51.7	99.9	237.3	26.5	22.3	14.3	339.2	999.9	99.9	999.9	47.3	32.
39.5	109.3	12615.2	200.0	-57.6	99.9	245.7	28.8	26.3	11.9	341.6	999.9	99.9	999.9	51.1	30.
34.6	114.2	13348.2	175.0	-61.2	99.9	251.8	18.6	13.9	4.6	348.9	999.9	99.9	999.9	52.5	36.
45.6	120.3	13990.4	150.0	-65.4	99.9	231.2	13.3	10.4	8.3	357.5	999.9	99.9	999.9	53.5	36.
43.5	127.3	15248.3	125.0	-66.9	99.9	221.2	28.1	18.5	21.1	373.9	999.9	99.9	999.9	57.2	37.
47.2	135.0	16461.3	100.0	-66.3	99.9	199.2	99.9	99.9	99.9	399.6	999.9	99.9	999.9	99.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 21
ALTUS, OK AMONA

10 MAY 1979
805 GMT

119 116. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.1	422.0	953.0	22.3	19.8	150.0	5.1	-2.6	4.4	299.5	340.3	15.5	86.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	11.4	457.3	950.0	22.3	19.4	163.6	8.1	-2.3	7.8	299.8	339.7	15.1	83.7	0.2	358.
0.7	13.6	689.7	925.0	21.8	19.5	191.7	14.8	2.8	13.7	301.6	343.2	15.6	86.6	0.7	356.
1.5	16.1	923.0	900.0	20.5	19.2	203.5	14.8	5.9	13.5	302.7	345.8	15.8	92.3	1.4	7.
2.4	18.5	1171.6	875.0	18.4	17.3	215.1	17.2	9.9	14.1	302.9	341.5	14.4	93.4	2.1	15.
3.3	21.0	1420.5	850.0	17.1	13.2	222.3	19.3	13.0	14.3	304.0	335.0	11.4	78.3	3.1	24.
4.3	23.5	1676.5	825.0	16.9	12.9	222.6	17.7	12.0	13.0	306.4	337.9	11.5	77.8	4.2	29.
5.2	26.0	1938.8	800.0	15.2	12.6	222.4	18.1	12.2	13.3	307.4	339.3	11.6	84.2	5.1	31.
6.4	28.6	2207.5	775.0	12.6	11.7	225.7	18.1	13.0	12.7	307.4	338.6	11.3	94.2	6.5	34.
7.6	31.2	2482.9	750.0	10.9	10.1	223.5	19.0	13.1	13.8	308.4	337.4	10.4	95.1	7.7	36.
8.6	33.9	2765.6	725.0	8.7	8.0	221.9	21.7	14.5	16.2	309.'	335.3	9.4	94.9	8.9	37.
9.4	36.6	3056.4	700.0	7.7	2.9	228.7	19.4	14.6	12.8	311.0	330.9	6.9	73.7	10.0	37.
10.4	39.3	3357.1	675.0	8.5	-13.8	223.3	19.1	13.1	13.9	315.2	321.4	2.0	19.3	11.4	39.
12.0	42.1	3667.9	650.0	6.8	-29.0	213.9	20.1	11.2	16.7	316.6	318.5	0.5	5.7	12.9	39.
13.2	44.9	3988.2	625.0	4.3	-36.2	213.1	19.2	10.5	16.1	317.4	318.4	0.3	3.3	14.2	38.
14.6	47.9	4318.0	600.0	1.4	-37.4	214.3	20.9	11.8	17.3	317.7	318.6	0.3	3.6	15.7	38.
15.7	50.8	4658.4	575.0	-1.6	-29.4	219.6	23.4	14.9	18.0	318.2	320.1	0.6	9.8	17.4	38.
16.9	53.8	5010.9	550.0	-3.9	-21.0	222.8	26.0	17.7	19.1	319.5	323.8	1.3	25.2	19.1	38.
17.9	56.9	5376.9	525.0	-6.6	-31.2	220.1	27.1	17.5	20.7	320.5	322.5	0.6	13.2	20.8	38.
18.9	60.0	5756.6	500.0	-9.3	-39.4	213.2	24.6	13.5	20.6	321.7	322.6	0.2	6.5	22.3	38.
20.2	63.3	6149.2	475.0	-12.2	-50.4	210.3	23.1	11.7	19.9	322.9	323.2	0.1	2.7	24.0	38.
21.3	66.6	6561.2	450.0	-13.3	-55.8	205.2	23.0	9.8	20.8	326.6	326.8	0.0	1.5	25.7	37.
22.7	70.0	6994.5	425.0	-15.9	-60.0	195.5	23.2	6.2	22.4	328.6	328.7	0.0	1.0	27.5	36.
24.3	73.6	7448.7	400.0	-19.6	-62.4	197.6	25.1	7.6	23.9	329.5	329.6	0.0	1.0	29.7	34.
25.9	77.1	7926.4	375.0	-23.2	-48.6	201.6	23.3	8.6	21.7	331.0	331.5	0.1	8.9	31.9	33.
27.6	81.0	8426.6	350.0	-26.4	-34.0	208.8	24.8	11.9	21.7	333.2	335.4	0.6	48.5	34.3	33.
29.3	84.9	8957.5	325.0	-31.0	-35.0	210.8	27.4	14.1	23.6	334.8	336.1	0.6	47.6	36.5	33.
30.6	89.0	9519.1	300.0	-36.3	-40.2	214.7	26.7	15.2	22.0	334.2	335.5	0.4	66.8	38.9	33.
32.0	93.3	10116.2	275.0	-41.6	99.9	216.1	24.6	14.5	19.9	335.0	999.9	99.9	999.9	41.3	33.
34.1	98.0	10754.7	250.0	-47.4	99.9	211.9	24.6	13.0	20.9	335.7	999.9	99.9	999.9	44.2	33.
36.1	102.9	11445.6	225.0	-51.7	99.9	214.9	22.3	12.7	18.3	339.2	999.9	99.9	999.9	47.2	33.
38.4	108.0	12197.6	200.0	-58.6	99.9	220.0	20.8	13.4	16.0	339.9	999.9	99.9	999.9	50.1	33.
41.8	113.5	13021.9	175.0	-66.2	99.9	224.9	26.3	18.6	18.6	340.6	999.9	99.9	999.9	53.3	34.
44.0	119.8	13972.5	150.0	-60.0	99.9	234.6	30.6	24.9	17.7	346.7	999.9	99.9	999.9	58.8	36.
47.4	126.3	15095.8	125.0	-66.8	99.9	999.9	99.9	99.9	99.9	376.1	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 21
ALTUS, OKLAHOMA

10 MAY 1979
1105 GMT

120 100. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.7	422.0	956.2	12.0	9.2	340.0	5.1	1.7	-4.8	288.8	308.8	7.7	83.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	11.3	476.5	950.0	10.9	8.7	344.9	8.4	2.2	-8.1	289.3	307.6	7.5	86.1	0.4	165.
1.0	13.6	699.0	925.0	9.6	8.3	351.9	8.3	1.2	-8.2	289.2	308.6	7.5	91.6	0.6	166.
1.5	16.1	928.5	900.0	15.5	14.0	338.7	5.2	1.9	-4.9	297.5	327.3	11.3	92.8	1.0	170.
2.7	19.5	1168.7	875.0	15.2	13.7	295.7	4.2	3.8	-1.8	299.6	330.0	11.4	90.4	1.1	164.
3.7	21.0	1414.7	850.0	15.2	11.2	302.4	5.4	4.5	-2.9	302.1	329.1	9.9	77.0	1.3	155.
4.6	23.5	1668.7	825.0	15.2	8.2	287.5	5.4	5.2	-1.6	304.7	327.8	8.3	62.7	1.6	149.
5.5	26.1	1929.1	800.0	14.0	5.7	283.9	6.0	6.0	0.6	306.1	326.3	7.2	57.3	1.8	141.
6.5	27.7	2195.3	775.0	11.9	4.9	286.8	7.4	6.8	2.9	310.7	326.5	7.0	61.9	2.0	131.
7.4	31.3	2470.2	750.0	9.4	5.9	230.7	9.1	7.0	5.7	316.8	329.9	7.9	79.2	2.2	123.
8.4	33.9	2751.1	725.0	7.3	6.7	222.5	13.6	9.2	10.0	327.4	331.4	8.5	95.9	2.4	105.
9.2	37.6	3041.0	700.0	9.3	-7.9	213.9	18.7	10.4	15.5	312.8	322.0	3.3	28.9	2.9	89.
10.1	39.3	3342.0	675.0	8.2	-11.2	207.1	22.0	10.0	19.6	314.8	322.2	2.4	23.9	3.6	78.
11.2	42.1	3651.9	650.0	5.5	-10.8	207.3	23.9	11.0	21.2	315.2	323.2	2.6	29.7	4.7	69.
12.3	46.9	3971.6	625.0	3.5	-13.9	211.7	24.9	13.0	21.2	316.5	324.8	2.7	34.2	6.0	62.
13.3	49.9	4301.2	600.0	1.2	-21.9	218.1	24.7	15.2	19.4	317.5	325.4	1.2	17.1	7.6	59.
14.5	53.9	4642.1	575.0	-1.2	-24.3	224.2	25.4	17.7	18.2	318.6	319.9	0.4	5.9	9.4	57.
15.7	57.3	4994.5	550.0	-3.5	-27.9	224.3	24.3	17.0	17.4	320.9	322.4	0.7	13.4	11.2	57.
16.9	57.3	5360.2	525.0	-6.9	-14.5	222.1	26.7	17.9	19.8	320.1	327.6	2.4	54.5	12.9	57.
17.2	61.1	5739.5	500.0	-9.1	-24.7	217.2	23.1	14.0	18.4	321.9	325.6	1.1	29.4	14.9	56.
19.5	63.4	6136.4	475.0	-11.8	-50.7	213.6	22.7	12.6	18.9	323.4	323.7	0.1	2.7	16.8	55.
20.3	66.9	6545.4	450.0	-14.7	-43.6	210.2	25.4	12.7	21.9	326.7	325.4	0.2	6.6	18.8	53.
22.4	70.3	6975.7	425.0	-18.1	-32.7	211.4	26.7	13.9	22.8	329.8	327.4	0.6	25.4	20.9	52.
23.8	73.9	7426.2	400.0	-21.0	-63.3	220.0	31.0	19.9	23.7	327.7	327.7	0.0	1.0	23.4	51.
25.4	77.5	7899.5	375.0	-25.1	-65.9	223.5	29.7	20.4	21.5	328.4	328.5	0.0	1.0	26.2	51.
27.2	81.3	8398.6	350.0	-27.6	-67.6	224.0	27.3	19.0	19.7	331.6	331.6	0.0	1.0	29.2	52.
29.1	85.3	8927.0	325.0	-31.9	-70.4	220.2	27.4	17.7	20.9	332.7	332.8	0.0	1.0	32.4	52.
31.1	89.5	9487.3	300.0	-36.5	-73.5	218.2	26.3	16.2	20.6	334.0	334.0	0.0	1.0	35.6	51.
33.1	93.8	10084.2	275.0	-41.5	99.9	219.7	25.2	16.1	19.4	335.1	999.9	99.9	999.9	38.9	51.
35.1	94.3	10722.9	250.0	-47.3	99.9	222.2	22.4	15.0	16.6	335.8	999.9	99.9	999.9	41.3	42.
37.5	103.2	11410.9	225.0	-52.7	99.9	204.1	28.1	11.5	25.7	337.7	999.9	99.9	999.9	44.7	40.
41.0	109.6	12154.9	200.0	-59.4	99.9	218.2	29.7	18.3	23.3	338.7	999.9	99.9	999.9	48.9	39.
42.6	114.0	12965.4	175.0	-64.9	99.9	222.6	32.9	22.3	24.2	342.8	999.9	99.9	999.9	53.4	39.
45.2	120.3	13833.3	150.0	-62.8	99.9	231.3	34.1	26.6	21.3	361.9	999.9	99.9	999.9	59.2	40.
48.8	127.0	15356.4	125.0	-63.2	99.9	218.7	31.6	19.7	24.6	380.6	999.9	99.9	999.9	65.7	41.
52.5	135.9	16431.4	100.0	-63.9	99.9	999.9	99.9	99.9	99.9	404.2	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22
CANADIAN, TEXAS

9 MAY 1979
1135 GMT

124 92. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.0	735.0	916.4	19.0	17.1	170.0	10.3	-1.8	10.1	299.5	335.6	13.6	89.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	16.6	891.2	900.0	19.5	18.1	164.5	19.0	-5.1	18.3	301.6	340.8	14.7	92.0	0.7	337.
1.6	19.3	1134.5	875.0	19.4	15.0	180.8	19.9	0.3	19.9	304.0	344.4	15.0	91.3	1.6	344.
2.3	21.5	1385.2	850.0	18.6	16.8	197.9	21.8	6.7	20.8	305.6	344.5	14.3	89.3	2.7	356.
3.3	24.0	1641.3	825.0	16.7	15.1	205.2	21.9	9.3	19.8	306.3	342.5	13.3	90.3	3.9	5.
4.3	26.5	1903.8	800.0	15.9	10.6	217.5	18.6	11.3	14.7	308.1	336.4	10.2	71.0	5.1	11.
5.2	29.1	2174.4	775.0	17.1	-1.3	225.7	16.5	11.8	11.5	312.2	325.8	4.6	29.3	5.9	16.
6.1	31.7	2453.1	750.0	15.3	-2.5	217.1	14.9	9.0	11.9	313.2	325.9	4.3	29.3	6.6	19.
6.9	34.4	2739.8	725.0	13.6	-3.9	201.3	13.5	4.9	12.6	314.4	326.3	4.0	29.3	7.3	20.
7.7	37.1	3033.7	700.0	11.4	-5.8	191.7	14.1	2.9	13.8	315.1	325.9	3.5	29.4	8.0	20.
8.7	39.9	3336.4	675.0	9.3	-7.0	187.0	16.1	2.0	16.0	316.1	326.4	3.4	30.9	8.7	19.
9.7	42.7	3647.4	650.0	7.3	-10.7	184.2	21.7	3.1	21.4	317.3	325.4	2.6	26.5	9.9	17.
10.8	45.5	3968.4	625.0	5.2	-12.4	187.9	25.4	3.5	25.1	318.4	325.9	2.4	26.7	11.5	16.
12.2	48.4	4300.3	600.0	2.0	-14.7	181.5	24.7	0.6	24.7	318.4	324.9	2.0	27.8	13.6	14.
13.4	51.4	4642.2	575.0	-1.1	-15.6	178.0	24.1	-0.9	24.1	318.7	325.0	2.0	26.7	15.8	12.
15.3	54.4	4995.3	550.0	-3.9	-17.0	180.1	24.7	0.1	24.7	319.4	325.3	1.8	35.3	17.9	11.
16.6	57.5	5361.2	525.0	-5.7	-20.1	181.4	25.1	0.6	25.1	321.6	326.4	1.5	31.1	19.9	10.
17.9	60.7	5741.7	500.0	-8.8	-23.8	177.7	22.7	-0.9	22.6	322.4	327.2	1.5	37.0	21.7	9.
19.1	64.0	6137.0	475.0	-11.9	-22.0	176.3	24.8	-1.6	24.7	323.2	327.8	1.4	42.6	23.3	8.
20.3	67.3	6548.1	450.0	-15.8	-23.7	178.8	24.6	-0.5	24.6	323.4	327.6	1.2	50.1	25.1	7.
21.5	71.0	6976.2	425.0	-19.4	-26.1	184.0	23.7	1.7	23.6	324.2	327.8	1.1	56.8	26.9	7.
22.7	74.8	7423.9	400.0	-23.1	-27.4	190.4	25.4	4.6	25.0	324.9	327.8	0.8	58.1	28.6	7.
24.0	78.9	7894.0	375.0	-26.1	-33.7	196.9	26.4	7.7	25.2	327.1	329.2	0.6	49.5	30.7	7.
25.5	81.9	8389.6	350.0	-29.9	-37.4	199.0	26.4	8.6	24.9	328.5	330.0	0.4	47.4	33.0	8.
27.0	85.8	8913.9	325.0	-33.7	-46.6	200.5	27.8	9.7	26.0	330.3	330.9	0.2	25.5	35.3	9.
28.6	90.0	9469.6	300.0	-38.3	-50.8	201.7	26.8	9.9	24.9	331.4	331.8	0.1	25.2	37.9	10.
30.3	94.4	10062.1	275.0	-43.2	99.9	201.6	26.8	9.9	24.9	332.7	999.9	99.9	999.9	40.4	10.
32.0	99.3	10695.5	250.0	-49.1	99.9	199.3	27.9	9.2	26.3	333.0	999.9	99.9	999.9	43.4	11.
34.3	104.0	11377.3	225.0	-55.2	99.9	199.0	28.1	9.1	26.6	333.9	999.9	99.9	999.9	46.4	12.
36.0	109.2	12119.6	200.0	-60.2	99.9	200.6	33.9	11.9	31.7	337.5	999.9	99.9	999.9	50.0	12.
38.0	114.5	12953.1	175.0	-61.8	99.9	205.4	36.3	15.6	32.7	348.0	999.9	99.9	999.9	54.5	13.
40.3	121.3	13905.7	150.0	-60.2	99.9	202.0	29.0	10.9	26.9	366.3	999.9	99.9	999.9	59.0	14.
43.7	127.8	15262.9	125.0	-62.7	99.9	201.6	28.8	10.6	26.7	381.4	999.9	99.9	999.9	64.4	14.
47.7	135.3	16417.7	100.0	-61.0	99.9	999.9	99.9	99.9	99.9	410.0	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22
CANADIAN, TEXAS

9 MAY 1979
1425 GMT

127 91. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	18.6	735.0	917.7	22.2	17.6	170.0	8.8	-1.5	8.7	302.7	340.1	13.9	75.0	3.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	18.3	906.5	900.0	20.5	18.2	167.5	11.6	-2.5	11.4	302.6	342.6	14.9	87.0	0.4	337.
1.5	18.9	1147.5	875.0	17.7	16.8	179.6	13.7	-0.1	13.7	302.2	339.5	13.9	96.1	1.1	345.
2.4	21.3	1386.7	850.0	17.8	16.6	200.9	14.6	5.2	13.6	304.8	343.3	14.2	92.8	1.8	356.
3.4	23.9	1652.5	825.0	18.1	14.7	213.8	13.5	7.5	11.2	305.6	340.7	12.9	91.5	2.6	6.
4.5	26.4	1914.1	800.0	16.1	12.7	215.2	13.5	7.8	11.0	306.2	338.1	11.6	91.4	3.3	14.
5.5	28.3	2162.0	775.0	12.3	10.3	207.6	12.6	5.8	11.1	307.1	335.4	10.2	87.4	4.1	17.
6.5	31.6	2457.3	750.0	11.1	2.8	193.3	11.1	3.7	10.4	309.7	326.7	6.3	56.8	4.8	18.
7.6	34.2	2740.4	725.0	11.7	-6.6	190.0	13.8	2.4	13.6	312.3	322.1	3.2	27.1	5.4	18.
8.5	37.3	3033.5	700.0	11.1	-15.6	185.6	18.2	1.8	18.1	314.8	320.0	1.6	13.7	6.5	16.
9.5	39.7	3335.5	675.0	9.1	-15.8	184.3	19.8	1.5	19.7	315.9	321.1	1.7	15.4	7.6	14.
10.5	42.5	3646.7	650.0	7.1	-17.5	185.5	22.5	2.2	22.4	317.0	321.9	1.5	15.4	9.0	13.
11.7	45.4	3967.7	625.0	5.0	-19.9	186.2	26.2	2.8	26.0	318.2	322.3	1.3	14.4	10.7	12.
13.0	48.3	4298.7	600.0	2.2	-20.6	184.1	26.4	1.9	26.3	318.7	322.7	1.2	16.5	12.6	11.
14.2	51.3	4643.5	575.0	-0.9	-21.7	181.2	28.0	0.6	28.0	319.0	322.8	1.2	18.8	14.6	10.
15.5	54.3	5003.3	550.0	-4.0	-23.7	181.6	26.9	0.8	26.9	319.3	322.8	1.0	19.8	16.8	8.
17.0	57.5	5378.0	525.0	-7.3	-27.1	181.7	25.7	0.7	25.7	319.7	322.4	0.8	18.6	18.9	8.
18.1	60.0	5736.6	503.0	-9.6	-25.9	179.0	27.2	-0.5	27.2	321.4	324.5	0.9	25.3	20.9	7.
19.3	63.9	6130.2	475.0	-13.0	-24.1	181.1	28.2	0.6	28.2	321.9	325.7	1.1	38.8	22.9	6.
20.5	67.3	6539.7	450.0	-16.5	-24.9	184.5	27.1	2.1	27.0	322.5	326.3	1.1	48.5	25.0	6.
22.1	70.7	7066.5	425.0	-20.3	-25.3	185.9	25.7	2.6	25.5	322.9	326.7	1.1	64.3	27.2	6.
23.1	74.3	7412.5	400.0	-23.5	-29.3	188.5	27.2	4.0	26.9	324.5	327.5	0.9	61.0	29.5	6.
25.2	78.3	7881.6	375.0	-26.4	-35.4	192.0	25.4	5.3	24.9	326.6	328.4	0.5	42.0	32.2	7.
27.3	81.5	8377.0	350.0	-29.7	-43.1	191.4	29.8	5.9	29.2	328.7	329.6	0.2	25.7	35.1	7.
28.7	85.8	8931.1	325.0	-33.9	-53.6	195.3	29.1	7.7	28.0	329.9	330.2	0.1	11.5	38.1	7.
33.5	90.0	9456.6	303.0	-38.4	-56.7	197.7	30.0	9.1	28.6	331.2	331.5	0.1	12.5	41.4	8.
32.6	94.6	10049.0	275.0	-43.8	99.9	200.2	30.5	10.5	28.6	331.8	999.9	99.9	999.9	44.8	9.
34.5	99.2	10681.1	250.0	-49.1	99.9	196.6	30.3	8.7	29.1	333.1	999.9	99.9	999.9	48.5	10.
36.8	104.2	11363.4	225.0	-55.4	99.9	191.7	29.3	6.0	28.7	333.6	999.9	99.9	999.9	52.5	10.
39.3	109.5	12133.4	200.0	-61.7	99.9	195.2	31.4	9.8	29.9	335.1	999.9	99.9	999.9	56.6	10.
42.1	115.3	12926.8	175.0	-61.4	99.9	207.4	33.0	15.1	29.3	348.6	999.9	99.9	999.9	62.4	12.
45.2	121.5	13885.2	150.0	-59.2	99.9	198.5	33.5	10.6	31.8	368.0	999.9	99.9	999.9	68.3	13.
49.2	128.7	15022.0	125.0	-62.0	99.9	201.3	26.9	9.8	25.1	382.7	999.9	99.9	999.9	75.8	13.
53.5	136.7	16413.6	100.0	-61.2	99.9	999.9	99.9	99.9	99.9	409.5	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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STATION NO. 22
CANADIAN, TEXAS

9 MAY 1979
1705 GMT

127 90. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.3	735.0	919.1	22.0	12.5	330.0	5.1	2.6	-4.4	302.4	329.6	10.0	55.0	0.0	0.
99.9	99.9	99.9	1300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	16.2	916.1	900.0	18.3	12.0	299.6	5.0	4.4	-2.5	300.4	327.2	9.9	65.7	0.2	141.
1.4	18.6	1157.6	875.0	16.8	13.2	257.8	3.6	3.5	0.8	301.3	331.0	11.0	79.3	0.4	130.
2.4	21.1	1405.9	850.0	17.2	16.1	138.1	6.6	-2.5	6.1	306.1	341.3	13.7	93.6	0.3	95.
3.6	23.7	1661.7	825.0	15.7	14.5	159.5	9.2	-3.2	8.6	306.3	341.1	12.7	86.9	0.5	3.
4.6	26.2	1923.9	800.0	14.9	12.0	174.5	10.8	-1.0	10.8	307.0	337.7	11.1	82.7	1.1	353.
5.5	28.8	2192.7	775.0	13.3	8.7	183.5	12.5	0.8	12.5	308.2	333.9	9.2	73.6	1.7	356.
6.6	31.5	2464.6	750.0	11.6	6.4	185.5	14.3	1.4	14.2	309.2	332.1	8.1	70.3	2.6	359.
7.6	34.1	2751.4	725.0	10.1	3.3	194.5	16.4	4.1	15.8	310.6	329.9	6.7	62.3	3.5	1.
8.8	36.9	3043.2	700.0	9.0	-4.7	198.1	19.1	5.9	18.2	312.5	324.0	3.9	37.6	4.7	0.
9.9	39.7	3343.9	675.0	7.6	-7.9	191.8	22.2	4.6	21.8	314.1	323.7	3.1	32.4	6.0	0.
11.1	42.5	3653.6	650.0	5.8	-11.4	188.3	25.1	3.6	24.9	315.6	322.2	2.1	23.5	7.8	0.
12.4	45.3	3973.6	625.0	4.0	-13.8	184.6	27.1	2.2	27.0	317.0	323.7	2.1	26.0	9.8	0.
13.7	48.3	4303.9	600.0	1.8	-17.4	185.3	27.5	2.5	27.4	318.2	323.4	1.6	22.5	12.0	7.
15.0	51.3	4645.7	575.0	-0.3	-21.2	184.2	27.9	2.0	27.9	319.7	323.7	1.2	19.7	14.2	7.
16.3	54.4	4998.3	550.0	-3.2	-23.3	180.7	27.6	1.4	27.6	320.3	323.8	1.1	19.3	16.4	6.
17.6	57.5	5365.1	525.0	-6.2	-25.5	176.9	29.3	-1.6	29.3	321.0	324.0	0.9	21.0	18.5	5.
18.8	60.6	5744.8	500.0	-9.2	-27.1	177.0	29.2	-1.5	29.2	321.8	324.6	0.8	21.6	20.7	4.
20.2	64.0	6134.7	475.0	-12.7	-29.5	179.3	27.0	-0.3	27.0	322.2	324.6	0.7	23.0	23.0	4.
21.4	67.4	6543.9	450.0	-16.1	-26.9	181.4	28.7	0.7	28.7	323.0	326.7	1.1	46.4	25.5	3.
23.5	70.7	6976.1	425.0	-19.8	-25.7	184.9	28.5	2.4	28.4	323.6	327.3	1.1	59.0	28.6	3.
25.2	74.4	7423.5	400.0	-22.7	-33.7	191.1	28.9	5.5	28.3	325.6	328.1	0.7	47.6	31.5	4.
27.1	78.2	7904.4	375.0	-25.2	-37.1	194.9	32.9	8.4	31.8	328.3	329.8	0.4	31.7	34.8	5.
29.3	82.0	8391.4	350.0	-29.6	-40.5	193.5	31.5	7.4	30.6	328.9	330.0	0.3	33.6	38.7	6.
31.1	86.2	8916.0	325.0	-33.8	-47.3	195.3	29.4	7.8	28.4	330.2	330.8	0.2	23.9	42.1	6.
33.5	90.3	9471.8	300.0	-38.6	-50.9	195.9	33.5	9.2	32.3	331.0	331.4	0.1	25.6	46.1	7.
35.1	94.8	10063.3	275.0	-43.6	99.9	196.1	30.5	8.5	29.3	332.1	999.9	99.9	999.9	49.9	8.
37.4	99.4	10697.5	250.0	-48.5	99.9	197.5	33.1*	10.0	31.6	334.0	999.9	99.9	999.9	54.1	9.
39.9	104.4	11381.9	225.0	-54.4	99.9	195.3	35.5*	9.4	34.2	335.2	999.9	99.9	999.9	59.2	9.
42.7	109.6	12125.7	200.0	-60.5	99.9	201.0	34.3*	12.3	32.0	337.0	999.9	99.9	999.9	64.8	10.
45.6	115.4	12948.1	175.0	-65.5	99.9	209.3	36.3*	17.7	31.6	341.9	999.9	99.9	999.9	71.2	11.
49.1	121.7	13905.3	150.0	-57.6	99.9	199.8	30.9**	10.5	29.1	370.8	999.9	99.9	999.9	77.4	13.
53.3	128.7	15051.7	125.0	-59.1	99.9	199.8	26.5**	9.0	25.0	388.0	999.9	99.9	999.9	85.0	13.
58.2	136.7	16463.3	100.0	-62.1	99.9	202.4	9.1**	3.5	8.4	407.7	999.9	99.9	999.9	91.9	14.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22
CANADIAN, TEXAS

9 MAY 1979
2005 GMT

126 93. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.4	735.3	917.4	26.8	14.0	20.0	4.1	-1.4	-3.9	307.2	337.9	11.1	46.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	14.0	802.3	900.0	22.3	14.4	30.3	5.0	-2.5	-4.3	304.5	336.1	11.6	61.0	0.2	222.
1.3	19.5	1187.7	875.0	20.2	14.5	42.8	4.3	-2.9	-3.2	304.8	337.5	12.0	69.5	0.4	218.
2.2	21.0	1397.3	850.0	17.6	14.0	73.8	4.8	-4.6	-1.3	304.6	337.1	11.9	79.3	0.7	222.
2.9	23.5	1653.6	825.0	17.3	15.9	116.9	8.3	-7.4	3.7	306.9	344.9	13.9	91.3	0.8	238.
3.5	24.1	1816.8	800.0	15.7	14.6	133.5	12.0	-8.7	8.3	307.9	344.2	13.2	92.9	1.2	265.
4.7	24.7	2196.6	775.0	13.7	12.7	142.9	14.6	-8.8	11.7	308.5	341.8	12.0	93.7	1.7	284.
5.7	31.3	2463.6	750.0	3.1	6.9	157.3	17.0	-6.6	15.6	310.8	334.7	8.4	66.2	2.4	301.
6.7	34.0	2764.1	725.0	11.1	3.8	165.1	17.6	-4.5	17.0	311.7	331.8	7.0	60.5	3.3	313.
8.0	36.7	3043.6	700.0	8.9	1.8	169.0	19.2	-3.7	18.9	312.4	330.6	6.2	60.8	4.5	323.
9.1	39.4	3340.7	675.0	6.9	-0.7	171.2	22.6	-3.4	22.4	313.3	329.2	5.4	58.3	5.8	329.
10.1	42.3	3650.0	650.0	4.3	-2.9	175.0	23.4	-2.0	23.3	313.8	328.0	4.8	59.5	7.1	334.
11.0	45.1	3969.3	625.0	2.9	-13.3	179.1	26.1	-0.4	26.1	315.7	322.7	2.2	29.4	8.4	338.
12.2	44.1	4298.2	600.0	2.1	-27.5	185.8	29.0	2.9	28.8	318.6	320.8	0.7	8.9	10.2	342.
13.3	51.0	4640.9	575.0	-0.0	-33.7	187.3	31.3	4.0	31.1	319.9	321.3	0.6	5.8	12.0	346.
14.4	54.1	4993.4	550.0	-2.6	-35.1	186.5	31.4	3.5	31.2	321.0	322.2	0.3	6.0	14.0	349.
15.6	57.3	5361.2	525.0	-4.9	-36.4	184.9	32.6	2.8	32.5	322.5	323.6	0.3	6.3	16.2	352.
17.0	60.4	5742.2	500.0	-8.5	-35.7	183.8	31.5	2.1	31.4	322.7	323.9	0.4	9.0	18.5	353.
18.2	63.5	6137.3	475.0	-12.0	-33.0	183.8	32.6	2.2	32.5	323.1	324.9	0.5	15.7	21.1	354.
19.9	67.0	6548.1	450.0	-15.5	-28.6	187.5	32.3	4.2	32.0	323.7	326.5	0.8	31.5	24.1	356.
21.6	70.6	6976.7	425.0	-19.1	-28.4	189.6	30.8	5.2	30.4	324.5	327.4	0.9	43.1	27.1	357.
23.2	74.0	7425.6	400.0	-22.0	-34.6	192.4	31.3	6.7	30.6	326.4	328.1	0.5	30.7	30.3	359.
24.3	77.7	7897.1	375.0	-25.5	-39.5	192.1	31.1	6.5	30.4	327.9	329.1	0.3	25.3	33.2	0.
26.3	81.6	8393.3	350.0	-29.9	-45.2	193.5	32.8	7.6	31.9	328.5	329.2	0.2	20.7	36.4	1.
24.3	85.7	8917.9	325.0	-33.6	-49.0	196.9	37.4	10.8	35.8	330.4	330.9	0.1	19.3	40.1	3.
31.9	89.9	9473.6	300.0	-37.8	-52.3	201.4	35.0	12.8	32.5	332.1	332.5	0.1	20.0	45.5	4.
33.2	94.2	10067.2	275.0	-42.4	99.9	205.9	33.9	14.8	30.5	333.8	999.9	99.9	999.9	50.1	6.
35.7	99.0	10703.8	250.0	-48.0	99.9	209.3	33.7*	13.3	31.0	334.7	999.9	99.9	999.9	54.8	8.
38.1	104.0	11388.6	225.0	-54.0	99.9	202.8	34.6*	13.4	31.9	335.7	999.9	99.9	999.9	59.6	9.
41.7	109.2	12135.6	200.0	-59.8	99.9	207.1	35.5*	16.2	31.6	338.1	999.9	99.9	999.9	64.9	10.
43.9	115.0	12959.1	175.0	-65.2	99.9	210.7	35.8*	18.3	30.8	342.3	999.9	99.9	999.9	71.4	12.
47.6	121.3	13918.9	150.0	-58.7	99.9	197.6	33.9**	10.3	32.3	369.9	999.9	99.9	999.9	78.3	13.
52.1	128.5	15071.3	125.0	-58.1	99.9	201.2	30.7**	11.1	28.6	389.8	999.9	99.9	999.9	87.7	14.
56.9	136.7	16484.9	100.0	-61.9	99.9	999.9	99.9	99.9	99.9	408.2	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22
CANADIAN, TEXAS

9 MAY 1979
2325 GMT

9 836. 9

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	14.4	735.3	914.6	20.9	16.5	999.9	99.9	99.9	99.9	301.7	336.7	13.1	76.8	999.9	999.
0.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	15.9	875.2	900.0	21.9	18.8	999.9	99.9	99.9	99.9	304.1	343.5	14.6	78.3	999.9	999.
0.9	16.2	1120.1	875.0	20.3	17.1	999.9	99.9	99.9	99.9	304.9	343.4	14.2	82.1	999.9	999.
1.5	2.6	1370.3	850.0	20.0	99.9	999.9	99.9	99.9	99.9	307.1	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22
CANADIAN, TEXAS

10 MAY 1979
813 GMT

30 661. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	14.2	735.0	923.0	9.5	6.2	350.0	6.2	1.1	-6.1	299.2	306.3	6.5	83.0	0.0	0.
99.9	99.9	99.9	1001.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	17.6	983.6	900.0	8.7	1.6	999.9	99.9	99.9	99.9	298.6	306.2	6.8	89.6	999.9	999.
1.4	18.7	1174.9	875.0	8.5	2.9	999.9	99.9	99.9	99.9	299.5	309.0	7.4	77.7	999.9	999.
2.2	21.2	1414.7	850.0	10.0	6.9	999.9	99.9	99.9	99.9	302.7	316.6	7.4	83.8	1.5	155.
3.3	23.5	1663.4	825.0	9.7	4.0	325.5	10.5	5.9	-8.6	304.8	315.9	6.2	67.6	2.3	155.
4.3	26.2	1914.9	800.0	9.6	1.2	296.0	10.7	9.6	-6.7	305.4	316.1	5.2	55.8	2.8	152.
5.7	29.7	2182.7	775.0	9.3	1.6	276.6	12.1	12.0	-1.4	307.9	317.5	5.5	54.4	3.9	142.
5.7	31.2	2454.5	750.0	9.8	1.4	265.6	13.0	11.8	5.4	307.3	320.1	5.7	56.5	3.6	133.
6.4	33.3	2735.4	725.0	8.9	1.0	209.5	15.0	7.4	13.1	309.3	325.6	5.7	57.3	3.5	117.
7.5	35.6	3025.9	700.0	6.9	-0.2	199.5	21.0	7.0	19.8	310.1	325.8	5.6	64.9	3.6	92.
8.3	37.7	3324.4	675.0	5.8	-1.2	999.9	99.9	99.9	99.9	312.2	327.5	5.2	63.7	999.9	999.
1.1	41.3	3633.7	650.0	5.0	-4.7	999.9	99.9	99.9	99.9	314.7	327.2	4.2	49.5	999.9	999.
999.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 22
CANADIAN, TEXAS

10 MAY 1979
1112 GMT

96 200. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO G /KG	RH PCT	RANGE KM	AZ DG
0.0	13.5	735.0	925.2	7.1	4.1	320.0	7.7	4.9	-5.9	286.6	301.1	5.6	81.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	13.5	736.9	925.0	7.1	4.1	319.9	7.8	5.0	-6.0	286.6	301.2	5.6	81.2	0.0	0.
1.1	15.9	962.1	900.0	5.1	4.3	316.4	10.9	7.5	-7.9	286.8	302.0	5.8	94.8	0.5	139.
2.3	18.3	1191.7	875.0	3.5	2.8	319.0	10.6	7.0	-8.0	287.4	301.5	5.4	95.4	1.2	137.
3.9	20.7	1427.9	850.0	6.9	6.3	336.3	8.8	3.6	-8.1	293.4	312.5	7.2	96.1	1.7	141.
5.9	23.2	1575.7	825.0	11.0	-7.3	305.4	6.9	5.6	-4.0	300.3	308.4	2.8	28.0	2.1	143.
6.7	25.7	1931.9	800.0	10.2	-18.5	269.3	9.5	9.5	0.1	302.1	305.4	1.1	11.1	2.4	137.
5.6	28.2	2194.5	775.0	8.6	-20.2	256.5	15.2	14.8	3.5	303.1	306.2	1.0	11.0	2.8	127.
6.7	33.8	2465.8	750.0	8.7	-14.0	228.1	15.6	11.6	10.4	306.0	311.3	1.7	18.4	3.5	110.
7.7	33.4	2745.5	725.0	7.3	-6.5	207.4	15.6	7.2	13.8	307.5	317.2	3.3	36.9	3.8	98.
8.6	36.1	3033.5	700.0	5.5	-0.4	197.6	19.3	5.9	18.4	308.6	324.0	5.3	65.4	4.2	86.
9.7	38.9	3333.4	675.0	3.8	2.1	192.9	24.3	5.4	23.7	309.9	328.9	6.6	88.5	4.8	69.
10.9	41.7	3636.9	650.0	1.9	0.7	186.7	27.3	3.2	27.1	311.2	329.1	6.4	91.3	5.9	55.
11.9	44.4	3952.3	625.0	-0.8	-2.2	182.8	28.5	1.4	28.5	311.6	326.8	5.2	89.7	7.2	43.
12.9	47.3	4277.8	600.0	-2.9	-5.9	182.3	28.8	1.2	28.7	312.8	325.3	4.2	88.7	8.7	35.
14.1	50.3	4614.0	575.0	-4.1	-23.7	186.3	31.7	3.5	31.5	315.2	318.4	1.0	20.0	10.5	29.
15.1	53.3	4963.3	550.0	-8.0	-35.3	190.0	34.2	5.9	33.7	317.0	318.3	0.4	8.3	12.5	26.
17.2	56.6	5326.5	525.0	-7.2	-34.5	191.1	31.1	6.0	30.6	319.7	319.9	0.0	1.0	14.7	24.
17.6	59.6	5704.4	500.0	-10.5	-36.6	193.3	32.1	7.4	31.2	320.3	320.4	0.0	1.0	17.0	22.
19.9	62.9	6098.7	475.0	-13.3	-38.3	194.6	32.8	8.3	31.7	321.5	321.7	0.0	1.0	19.6	21.
21.3	66.1	6505.7	450.0	-16.6	-41.5	195.3	33.0	8.7	31.9	322.3	322.4	0.0	1.0	22.3	20.
21.4	69.7	6932.6	425.0	-18.9	-40.7	197.3	34.3	10.2	32.8	324.7	324.8	0.0	1.2	25.3	20.
21.3	73.3	7381.5	400.0	-22.1	-44.0	196.8	36.0	9.2	34.8	326.3	326.4	0.0	1.0	28.5	19.
23.4	76.4	7852.4	375.0	-25.7	-46.1	198.7	37.6	7.8	37.0	327.6	327.7	0.0	1.0	32.0	19.
26.6	80.7	8347.1	350.0	-29.6	-48.9	191.2	35.6	6.9	34.9	328.9	329.0	0.0	1.0	35.6	18.
27.2	84.7	8873.4	325.0	-33.6	-71.5	191.5	36.1	7.2	35.4	330.4	330.4	0.0	1.0	39.3	17.
33.2	87.9	9429.4	300.0	-39.2	-74.6	188.4	37.2	5.4	36.8	331.6	331.6	0.0	1.0	43.4	17.
32.6	93.2	10022.4	275.0	-43.1	99.9	186.6	39.1	4.5	38.9	332.8	999.9	99.9	999.9	48.4	16.
34.7	97.9	10654.3	250.0	-47.4	99.9	184.6	40.9*	6.1	40.4	335.7	999.9	99.9	999.9	54.1	15.
37.4	102.9	11346.4	225.0	-53.1	99.9	999.9	99.9*	99.9	99.9	337.2	999.9	99.9	999.9	60.3	14.
40.1	108.0	12096.5	200.0	-59.5	99.9	999.9	99.9	99.9	99.9	338.6	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 23
CHEYENNE, OKLAHOMA

* MAY 1979
2305 GMT

113 93. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PUT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.8	621.0	926.5	27.3	10.6	110.0	13.4	-12.6	4.6	307.1	347.3	14.7	59.0	0.0	C.
99.9	99.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	12.9	635.4	925.0	27.4	10.8	129.3	18.6	-14.4	11.8	307.4	351.0	14.0	53.3	0.1	326.
1.2	15.2	877.7	900.0	23.8	10.2	143.3	18.0	-10.7	14.4	306.0	348.9	15.8	75.6	1.0	319.
2.1	17.4	1124.2	875.0	21.6	10.3	148.4	16.5	-8.6	14.0	306.2	350.4	16.3	86.6	1.9	322.
3.0	19.5	1375.8	850.0	19.3	17.6	156.2	18.1	-7.3	16.6	306.3	347.3	19.1	89.9	2.8	325.
3.7	21.4	1613.1	825.0	17.7	16.3	162.9	18.8	-5.5	18.3	307.3	346.4	18.3	91.2	3.6	329.
4.5	24.1	1996.3	800.0	15.8	14.4	174.9	18.2	-1.6	18.1	308.0	343.9	17.8	91.6	4.4	332.
5.3	26.4	2166.7	775.0	14.8	11.6	185.6	19.4	1.9	19.3	309.8	341.5	11.4	82.4	5.2	337.
6.1	29.7	2444.2	750.0	13.4	8.0	193.9	20.6	5.0	20.0	311.1	336.7	9.0	69.8	6.0	342.
7.0	31.1	2729.6	725.0	13.2	-1.1	202.6	21.5	8.3	19.9	313.9	328.4	4.9	37.3	6.9	348.
8.9	33.5	3324.1	700.0	12.2	-10.8	195.6	24.8	6.6	23.9	316.0	320.8	1.5	11.5	8.1	353.
9.3	36.0	3327.5	675.0	10.7	-19.1	194.2	25.5	6.3	24.7	317.7	321.8	1.2	10.4	9.6	356.
10.1	38.5	3580.5	650.0	8.2	-20.8	193.9	24.8	6.8	23.9	318.2	321.9	1.1	10.7	11.1	359.
11.2	41.1	3862.2	625.0	5.1	-22.9	197.0	26.8	7.8	25.7	318.3	321.6	1.0	11.0	12.8	1.
12.2	43.7	4234.3	600.0	3.0	-22.8	201.7	26.3	9.7	24.4	319.6	323.0	1.0	12.9	14.2	3.
13.1	45.3	4617.2	575.0	0.9	-23.5	203.7	26.9	10.8	24.6	321.0	324.4	1.0	14.0	15.7	5.
14.3	47.1	4787.6	550.0	-1.4	-25.2	201.7	28.0	10.4	26.0	322.4	325.5	0.9	14.2	17.1	7.
15.1	51.9	5361.7	525.0	-4.0	-25.6	198.5	27.8	8.8	26.4	323.6	326.7	0.9	16.6	18.8	8.
16.2	54.5	5744.2	500.0	-7.5	-27.1	197.5	28.0	8.4	26.7	324.0	326.8	0.8	19.0	20.7	9.
17.4	57.7	6141.3	475.0	-10.4	-26.1	199.1	28.7	9.4	27.1	325.2	328.4	1.0	25.1	22.6	9.
18.6	60.7	6554.5	450.0	-10.5	-26.3	202.1	30.3	11.9	27.9	325.0	328.4	1.0	35.8	24.7	10.
19.8	63.8	6984.1	425.0	-10.6	-26.3	207.0	30.3	13.6	26.7	325.2	328.7	1.0	50.4	27.1	12.
21.4	67.0	7431.5	400.0	-21.4	-32.9	207.1	29.6	13.5	26.4	327.2	329.3	0.6	36.5	29.6	13.
22.8	70.3	7897.5	375.0	-23.9	-37.6	208.6	30.1	14.4	26.4	330.0	331.4	0.4	26.9	32.1	14.
24.6	73.7	8437.3	350.0	-29.1	-40.1	214.1	31.0	17.4	25.7	330.9	332.1	0.3	30.1	34.9	16.
25.1	77.3	8936.9	325.0	-32.0	-45.3	214.4	30.8	17.4	25.4	332.6	333.3	0.2	25.2	37.8	17.
27.2	81.0	9498.4	300.0	-36.5	-49.4	215.9	30.1	17.7	24.4	333.9	334.4	0.1	23.6	41.5	19.
30.1	85.0	10392.1	275.0	-40.5	99.9	216.2	30.7	18.1	24.8	336.6	999.9	99.9	999.9	44.8	20.
31.7	89.2	10738.9	250.0	-43.7	99.9	219.8	34.0	21.8	26.1	341.2	999.9	99.9	999.9	47.8	21.
33.4	93.6	11638.7	225.0	-48.0	99.9	226.8	34.9	25.4	23.9	345.0	999.9	99.9	999.9	51.1	23.
35.2	98.3	12234.9	200.0	-52.8	99.9	240.2	32.5	28.2	16.2	349.1	999.9	99.9	999.9	54.3	25.
37.6	103.0	13353.3	175.0	-59.8	99.9	248.9	38.5	36.0	13.8	353.2	999.9	99.9	999.9	57.6	26.
39.4	104.6	14324.7	150.0	-58.4	99.9	228.9	29.1	21.2	19.9	359.4	999.9	99.9	999.9	61.2	30.
42.3	114.8	15162.7	125.0	-61.1	99.9	217.1	27.1	16.3	21.6	364.3	999.9	99.9	999.9	65.6	31.
47.3	121.8	16556.8	100.0	-53.0	99.9	999.9	99.9	99.9	99.9	413.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 23
CHEYENNE, OKLAHOMA

18 MAY 1979
825 GMT

111 102. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	621.0	934.9	10.0	8.4	350.0	10.3	1.8	-10.1	288.7	306.1	7.5	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	13.2	709.1	925.0	6.8	5.7	354.3	9.4	0.9	-9.4	286.3	302.5	6.2	92.9	0.3	168.
1.3	15.3	933.4	900.0	5.2	4.2	343.4	10.3	2.9	-9.9	286.8	301.9	5.8	93.3	0.6	170.
1.7	17.5	1165.3	875.0	7.4	6.5	324.3	9.5	5.5	-7.7	291.5	309.9	7.0	96.8	1.0	163.
2.5	19.4	1405.7	850.0	10.6	9.0	304.1	8.0	6.6	-4.5	297.2	320.2	8.6	98.3	1.4	155.
3.3	22.1	1655.2	825.0	10.9	8.6	284.5	8.5	8.2	-2.1	300.1	323.6	8.8	86.1	1.7	147.
4.1	24.4	1912.6	800.0	10.4	7.3	256.2	9.7	9.4	2.3	302.3	324.5	8.1	81.1	2.0	138.
5.1	26.7	2177.1	775.0	9.7	5.4	229.9	12.2	9.4	7.9	305.3	326.7	7.3	74.7	2.2	122.
6.9	29.1	2449.5	750.0	9.2	3.6	216.4	16.9	10.0	13.6	306.6	325.4	6.7	68.7	2.5	102.
8.3	31.5	2730.8	725.0	8.5	-0.2	201.2	24.2	8.8	22.6	308.8	324.0	5.2	56.1	3.8	86.
7.9	34.0	3020.3	700.0	7.7	-5.2	194.0	26.5	6.4	25.7	311.0	322.1	3.7	39.3	3.7	82.
8.7	36.5	3320.1	675.0	6.5	-5.7	193.9	27.4	6.6	26.6	312.9	324.0	3.7	41.5	4.8	89.
9.6	39.3	3628.2	650.0	3.8	-5.6	195.7	29.2	7.9	28.1	313.3	325.0	3.9	50.1	6.1	91.
10.7	41.6	3946.2	625.0	1.5	-6.6	197.8	30.2	9.3	28.8	314.2	325.5	3.7	54.5	7.8	36.
11.5	44.2	4273.7	600.0	-1.2	-7.3	198.8	28.0	9.0	26.5	314.8	325.9	3.7	62.9	9.4	33.
12.7	46.9	4612.3	575.0	-3.4	-9.9	196.5	23.7	6.7	22.7	316.0	325.6	3.1	63.5	11.2	30.
14.3	49.7	4963.0	550.0	-5.2	-12.9	201.2	21.0	7.9	19.5	317.9	326.0	2.6	54.6	12.9	28.
15.6	52.4	5327.7	525.0	-6.7	-19.8	206.2	20.1	[illegible]	18.1	320.4	325.6	1.5	36.4	14.5	28.
16.7	55.3	5707.4	500.0	-9.1	-26.5	209.6	18.3	[illegible]	15.9	321.9	324.0	0.9	23.2	16.8	28.
17.3	58.3	6101.6	475.0	-12.5	-19.2	206.0	19.2	8.4	17.2	322.5	324.3	1.8	57.1	17.5	28.
18.2	61.3	6512.4	450.0	-15.4	-33.0	207.0	23.3	10.6	20.8	323.8	325.7	0.5	20.6	19.0	28.
20.7	64.4	6941.7	425.0	-17.9	-57.7	209.8	25.9	12.8	22.4	326.0	326.2	0.0	1.4	21.1	28.
22.5	67.6	7392.7	400.0	-20.6	-61.0	210.8	25.8	13.2	22.1	328.3	329.3	0.0	1.0	24.1	28.
24.5	71.0	7867.1	375.0	-23.7	-65.0	209.9	24.3	12.1	21.0	330.3	330.6	0.0	1.0	27.0	29.
26.6	74.3	8366.9	350.0	-27.7	-67.6	207.2	24.9	11.4	22.1	331.5	331.5	0.0	1.0	30.1	29.
28.5	77.9	8895.3	325.0	-31.9	-70.4	203.5	25.3	10.1	23.2	332.8	332.8	0.0	1.0	32.9	28.
33.5	81.7	9455.4	300.0	-38.5	-73.5	203.7	27.0	10.9	24.8	334.0	334.0	0.0	1.0	36.0	28.
32.4	85.6	10052.3	275.0	-4 .3	99.9	206.4	27.1	11.2	24.7	335.4	999.9	99.9	999.9	39.3	28.
34.8	89.7	10692.3	250.0	-46.2	99.9	199.6	27.0	9.1	25.4	337.4	999.9	99.9	999.9	42.8	27.
37.5	94.2	11381.9	225.0	-52.8	99.9	198.2	30.8	9.8	29.3	337.8	999.9	99.9	999.9	47.4	26.
40.3	98.9	12130.6	200.0	-59.3	99.9	204.4	30.5	12.6	27.8	338.8	999.9	99.9	999.9	52.4	26.
43.4	104.0	12953.3	175.0	-66.3	99.9	216.2	32.3	19.0	26.8	340.8	999.9	99.9	999.9	58.1	26.
47.1	109.5	13895.3	150.0	-65.7	99.9	215.3	28.5	16.5	23.2	357.8	999.9	99.9	999.9	65.2	28.
51.6	115.7	15005.3	125.0	-64.8	99.9	195.2	27.9	7.3	26.9	377.7	999.9	99.9	999.9	71.0	27.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 24
CHICKASHA, OKLAHOMA

9 MAY 1979
1051 GMT

128 96. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PUT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.1	353.0	962.1	21.3	16.9	150.0	4.1	-2.1	3.6	297.7	331.3	12.7	76.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	11.2	463.2	950.0	21.5	18.3	163.9	11.6	-3.2	11.2	299.0	336.3	14.1	82.0	3.3	349.
1.4	13.5	634.3	925.0	19.4	17.4	174.0	18.1	-1.9	18.0	299.2	335.3	13.7	89.2	1.0	353.
2.2	15.9	930.0	900.0	17.8	16.2	183.9	20.9	1.4	20.9	299.6	334.6	13.8	90.4	2.8	354.
3.0	18.4	1171.0	875.0	15.8	14.2	191.5	23.8	4.7	23.3	300.2	331.7	11.8	93.1	3.1	360.
3.8	20.9	1417.3	850.0	13.9	12.8	196.4	24.3	6.9	23.3	300.7	330.4	11.0	93.1	4.3	3.
4.8	23.3	1674.2	825.0	23.0	-35.9	200.5	23.1	8.1	21.7	312.9	313.7	0.2	1.0	5.6	7.
5.6	25.8	1940.8	800.0	21.9	-33.5	199.9	22.0	7.5	20.7	314.5	315.5	0.3	1.4	6.7	10.
6.5	28.4	2214.2	775.0	19.8	-29.2	204.7	19.9	8.3	18.1	315.1	316.6	0.4	2.4	7.8	11.
7.4	31.0	2494.4	750.0	18.0	-35.9	210.5	18.4	9.3	15.8	316.1	315.7	0.2	1.0	8.8	13.
8.5	33.7	2783.5	725.0	16.0	-21.2	212.3	16.3	8.7	13.8	317.1	320.3	1.0	6.2	9.8	15.
9.5	36.3	3079.5	700.0	13.4	-19.4	212.1	16.6	8.8	14.0	317.3	321.2	1.2	8.6	10.5	17.
10.6	39.0	3383.3	675.0	10.5	-18.4	209.7	17.3	8.6	15.0	317.4	321.7	1.3	11.3	11.9	18.
11.7	41.8	3695.7	650.0	7.9	-22.5	205.0	18.1	7.6	16.4	318.0	321.2	1.0	9.4	13.0	19.
12.9	44.6	4017.3	625.0	5.2	-22.1	201.9	19.2	7.2	17.8	318.4	321.6	1.0	11.8	14.3	19.
14.3	47.5	4349.4	600.0	2..	-24.2	197.0	19.9	5.8	19.1	318.6	321.6	0.9	12.1	15.7	19.
15.1	50.5	4689.6	575.0	-1.1	-29.1	192.7	20.8	4.5	20.2	318.7	320.8	0.6	9.7	17.3	19.
16.3	53.5	5041.9	550.0	-4..	-31.6	194.3	18.9	4.6	18.3	319.0	320.8	0.5	10.0	18.5	18.
17.5	56.6	5407.2	525.0	-5.9	-53.7	207.5	13.9	6.4	12.4	321.3	321.5	0.0	1.0	19.7	18.
18.9	59.9	5787.0	500.0	-9.2	-50.9	216.1	11.1	6.6	9.0	321.8	322.1	0.1	1.8	20.6	18.
20.3	63.1	6181.0	475.0	-12.5	-43.8	218.6	10.0	6.3	7.8	322.5	323.1	0.2	5.3	21.4	20.
21.7	66.4	6591.0	450.0	-16.0	-45.7	212.0	12.0	6.4	10.2	323.2	323.7	0.1	5.6	22.3	21.
23.1	69.9	7018.9	425.0	-19.3	-47.7	208.4	13.5	6.4	11.8	324.2	324.7	0.1	6.0	23.4	21.
24.8	73.4	7466.1	400.0	-23.0	-49.9	211.5	14.6	7.6	12.4	325.1	325.5	0.1	6.4	24.8	21.
26.5	77.1	7935.6	375.0	-26.5	-52.1	218.3	12.9	8.0	10.1	326.5	326.9	0.1	6.9	26.1	22.
29.3	81.0	8427.4	350.0	-30.3	-54.6	225.0	15.5	11.0	11.0	327.9	328.1	0.1	7.2	27.5	23.
31.3	85.0	8953.2	325.0	-33.9	-56.9	226.6	16.3	11.8	11.2	330.0	330.2	0.1	7.6	29.3	25.
32.8	89.2	9508.1	300.0	-39.9	-58.1	228.1	18.6	13.9	12.5	330.5	330.7	0.0	10.9	31.4	26.
34.5	93.6	10099.6	275.0	-43.9	99.9	230.9	19.6	15.2	12.3	331.6	999.9	99.9	999.9	33.6	28.
36.9	98.4	10731.1	250.0	-49.3	99.9	227.0	17.4	12.7	11.9	332.8	999.9	99.9	999.9	36.3	29.
39.0	103.7	11414.6	225.0	-54.3	99.9	226.0	17.5	12.6	12.1	335.3	999.9	99.9	999.9	38.2	30.
41.8	109.5	12156.5	200.0	-60.6	99.9	228.8	21.6	16.2	14.2	336.8	999.9	99.9	999.9	40.7	31.
44.3	114.5	12935.5	175.0	-58.9	99.9	238.0	25.9	22.0	13.3	352.7	999.9	99.9	999.9	44.7	36.
47.4	121.8	13957.9	150.0	-57.0	99.9	231.3	25.1	19.6	15.7	368.4	999.9	99.9	999.9	48.9	36.
51.3	127.8	15092.8	125.0	-62.1	99.9	223.8	24.4	16.9	17.6	382.6	999.9	99.9	999.9	54.6	37.
55.6	135.7	16457.5	100.0	-64.9	99.9	999.9	99.9	99.9	99.9	402.3	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 20
CHICKASHA, OKLAHOMA

9 MAY 1979
1404 GMT

116 97. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.0	353.0	963.6	21.5	16.2	180.0	4.6	0.0	4.6	297.8	333.3	12.2	72.0	0.0	0.
99.9	99.9	99.9	900.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	13.5	476.5	950.0	20.5	16.9	171.9	15.3	-2.1	15.1	298.0	331.8	12.8	78.9	0.3	350.
1.3	12.7	707.2	925.0	19.1	16.6	176.0	18.5	-1.3	18.4	298.8	333.2	13.0	85.6	1.0	351.
2.2	14.9	962.7	900.0	17.3	16.2	190.5	20.7	3.8	20.4	299.4	333.8	13.0	92.9	2.1	357.
3.0	17.1	1183.7	875.0	15.8	15.0	200.7	21.1	7.5	19.7	300.2	333.3	12.4	95.0	3.2	4.
3.9	19.4	1433.3	850.0	14.2	13.5	210.8	20.5	10.5	17.6	301.1	332.0	11.5	95.1	4.1	9.
4.8	21.7	1682.9	825.0	13.3	12.5	217.0	20.3	12.2	16.2	302.7	333.0	11.2	95.2	5.2	15.
5.6	24.0	1942.1	800.0	11.9	11.2	215.1	20.3	11.7	16.6	303.9	332.7	10.6	95.3	6.1	18.
6.5	21.1	2210.2	775.0	17.2	-2.9	201.6	18.9	7.6	17.3	312.3	324.8	4.2	26.6	7.2	21.
7.6	25.7	2492.0	750.0	17.9	-39.9	198.3	16.9	5.3	16.0	316.1	316.7	0.2	1.0	8.3	20.
8.7	31.2	2778.1	725.0	15.7	-40.3	198.3	17.5	5.5	16.6	316.7	317.2	0.2	1.0	9.4	20.
9.8	33.6	3073.3	700.0	13.2	-41.8	198.2	15.8	4.9	15.0	317.1	317.6	0.1	1.0	10.5	20.
11.0	36.1	3377.4	675.0	10.4	-43.5	202.7	16.8	6.5	15.5	317.3	317.7	0.1	1.0	11.7	20.
12.1	38.7	3689.6	650.0	7.7	-45.2	209.6	14.3	7.1	12.4	317.7	318.1	0.1	1.0	12.8	20.
13.4	41.2	4010.5	625.0	4.5	-47.2	211.4	14.1	7.3	12.0	317.6	317.9	0.1	1.0	13.8	21.
14.6	43.9	4343.7	600.0	1.4	-49.1	210.0	13.7	6.8	11.9	317.8	318.1	0.1	1.0	14.8	22.
15.7	46.5	4691.3	575.0	-1.8	-51.1	208.5	16.0	8.0	14.0	317.9	318.1	0.1	1.0	15.7	22.
17.0	49.3	5312.3	550.0	-4.7	-52.9	197.8	16.4	5.0	15.6	318.5	318.7	0.0	1.0	17.1	22.
18.5	52.2	5396.8	525.0	-6.6	-54.1	192.4	16.4	3.5	16.0	320.5	320.7	0.0	1.0	18.5	21.
20.1	55.1	5775.7	500.0	-9.4	-55.9	194.1	15.5	3.8	15.0	321.6	321.7	0.0	1.0	19.9	21.
21.5	58.0	6169.2	475.0	-12.4	-57.8	196.4	14.1	4.0	13.5	322.6	322.7	0.0	1.0	21.3	20.
23.3	61.1	6579.3	450.0	-16.2	-60.2	198.2	14.8	4.6	14.0	322.9	323.0	0.0	1.0	22.7	20.
24.9	64.3	7006.3	425.0	-20.1	-62.7	198.5	16.2	5.1	15.3	323.2	323.3	0.0	1.0	24.3	20.
26.6	67.5	7452.7	400.0	-23.7	-65.0	204.5	16.7	6.9	15.2	324.2	324.3	0.0	1.0	25.9	20.
28.4	70.9	7921.8	375.0	-26.9	-67.1	217.7	16.8	10.3	13.3	326.1	326.1	0.0	1.0	27.7	21.
30.3	74.3	8415.8	350.0	-30.5	-65.9	226.6	17.1	12.5	11.8	327.7	327.7	0.0	1.7	29.4	22.
32.5	77.4	8939.3	325.0	-34.1	-66.7	224.7	21.0	15.0	15.2	329.8	329.8	0.0	2.1	31.8	24.
34.9	81.7	9493.9	300.0	-38.6	-68.6	223.0	18.9	12.9	13.8	331.0	331.1	0.0	2.5	34.6	26.
37.1	85.7	10084.6	275.0	-44.2	99.9	223.7	19.6	13.5	14.2	331.3	999.9	999.9	999.9	37.9	27.
39.3	89.9	10715.4	250.0	-49.6	99.9	227.1	19.2	14.1	13.1	332.3	999.9	99.9	999.9	39.5	28.
41.6	94.2	11387.0	225.0	-54.1	99.9	226.7	20.1	17.6	16.6	335.6	999.9	99.9	999.9	42.3	29.
44.3	99.0	12103.1	200.0	-60.2	99.9	223.2	22.5	15.4	16.4	337.6	999.9	99.9	999.9	45.	31.
47.0	104.2	12967.6	175.0	-63.2	99.9	234.9	27.6	22.6	15.9	345.6	999.9	99.9	999.9	49.8	32.
50.4	109.8	13931.2	150.0	-59.4	99.9	224.6	24.8	17.4	17.7	367.7	999.9	99.9	999.9	55.0	34.
54.4	116.0	15067.7	125.0	-63.6	99.9	227.1	21.7	15.9	14.8	385.3	999.9	99.9	999.9	60.8	35.
58.7	123.3	16441.6	100.0	-64.4	999.9	99.9	99.9	99.9	403.4	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 24
CHICKASHA, OKLAHOMA

9 MAY 1979
1700 GMT

113 96. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.0	353.0	963.5	24.2	17.9	160.0	5.1	-1.7	4.8	300.5	336.7	13.6	64.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	17.2	676.4	950.0	22.0	16.7	161.3	12.8	-4.1	12.1	299.6	333.4	12.7	71.8	3.3	346.
1.3	17.3	799.3	925.0	20.2	16.3	172.5	14.3	-1.9	14.4	300.3	333.2	12.5	76.5	1.0	345.
2.2	17.5	922.7	900.0	19.2	15.6	198.4	15.6	2.3	15.5	301.3	334.9	12.5	79.7	1.8	352.
3.1	17.7	1047.5	875.0	18.4	14.2	201.0	15.2	5.4	14.2	303.0	334.7	11.7	76.2	2.6	359.
3.9	17.9	1170.4	850.0	17.4	13.7	214.0	13.2	7.4	11.0	304.4	336.7	11.9	80.0	3.1	4.
4.8	21.2	1291.6	825.0	15.6	13.2	224.6	11.3	7.9	8.1	305.1	337.0	11.7	85.9	3.6	10.
5.5	23.5	1412.4	800.0	13.9	11.2	223.6	9.7	6.7	7.0	306.0	335.1	10.6	83.8	4.3	15.
6.3	24.4	1532.1	775.0	12.5	-1.3	218.9	12.1	6.9	9.9	312.6	326.3	4.6	29.3	4.5	17.
7.2	23.1	1652.7	750.0	14.1	-8.2	205.3	16.2	6.9	14.6	316.2	324.7	2.7	15.9	5.3	19.
8.3	33.5	1771.3	725.0	15.7	-8.5	198.4	16.3	5.1	15.5	316.7	325.3	2.8	18.0	6.3	20.
9.3	34.9	1887.3	700.0	13.6	-11.9	193.4	17.8	4.1	17.3	317.5	324.5	2.2	15.8	7.3	19.
10.4	35.4	1998.5	675.0	10.6	-13.5	191.2	17.6	3.4	17.3	317.5	323.9	2.0	16.8	8.5	18.
11.4	37.9	2103.6	650.0	7.5	-14.9	190.4	16.4	3.0	16.1	317.5	323.4	1.9	18.6	9.6	17.
12.6	41.4	2204.4	625.0	4.3	-16.0	191.9	16.1	3.3	15.8	317.4	323.0	1.8	21.1	10.7	16.
13.9	43.1	2305.3	600.0	1.2	-18.9	195.1	15.9	4.1	15.4	317.5	322.1	1.4	20.5	11.9	16.
15.3	45.4	2405.6	575.0	-1.7	-20.8	196.0	15.2	4.2	14.6	318.0	322.1	1.3	21.5	13.0	16.
16.2	48.4	2507.4	550.0	-4.4	-24.0	198.1	15.9	4.9	15.1	318.9	321.2	0.7	13.8	14.0	16.
17.3	51.1	2612.5	525.0	-6.4	-31.0	195.4	16.5	4.4	16.0	320.7	322.6	0.5	12.0	15.2	16.
18.6	54.3	2721.7	500.0	-9.4	-33.2	192.5	15.8	3.4	15.4	321.6	323.2	0.5	12.3	16.4	16.
20.0	56.4	2835.7	475.0	-12.2	-35.2	189.4	16.3	5.4	15.3	322.9	324.3	0.4	12.6	17.8	16.
21.3	54.3	2954.4	450.0	-15.8	-37.4	210.3	16.3	8.2	14.1	323.4	324.5	0.3	12.9	19.1	17.
22.8	63.3	3078.3	425.3	-19.4	-38.9	210.7	15.7	8.0	13.5	324.1	325.2	0.3	15.8	20.4	18.
24.3	66.1	3207.6	400.0	-23.3	-40.6	207.7	15.3	7.1	13.5	324.7	325.7	0.3	15.6	21.8	18.
25.9	69.4	3342.1	375.0	-27.4	-43.3	206.5	15.6	8.8	12.8	325.4	326.2	0.2	20.2	23.2	19.
27.7	72.9	3483.6	350.0	-31.5	-46.0	218.9	17.8	11.2	13.8	327.7	328.4	0.2	20.1	24.9	20.
29.3	77.4	3637.6	325.0	-33.7	-48.7	222.1	20.0	13.4	14.9	330.2	330.8	0.1	20.1	27.2	22.
32.8	81.1	3818.6	300.0	-37.5	-52.1	224.9	21.6	15.2	15.3	332.1	332.5	0.1	20.5	30.1	24.
36.2	84.3	10107.5	275.0	-43.2	99.9	226.9	20.3	14.8	13.9	332.7	999.9	99.9	999.9	33.1	26.
37.3	85.3	13742.2	250.0	-47.8	99.9	222.8	22.1	15.1	16.2	335.1	999.9	99.9	999.9	35.8	28.
39.2	92.2	14143.5	225.0	-52.5	99.9	222.3	23.5	15.8	17.4	338.1	999.9	99.9	999.9	38.6	29.
41.7	97.3	12140.7	200.0	-56.5	99.9	221.8	23.5	15.7	17.5	340.2	999.9	99.9	999.9	42.0	30.
44.3	101.8	13333.5	175.0	-53.1	99.9	230.3	23.6	18.2	15.1	345.8	999.9	99.9	999.9	45.6	31.
47.1	107.2	13971.2	150.0	-54.6	99.9	221.9	26.0	17.4	19.4	347.5	999.9	99.9	999.9	49.6	32.
50.7	113.3	15170.3	125.0	-60.7	99.9	222.5	22.6	15.3	16.7	355.0	999.9	99.9	999.9	54.9	33.
54.6	120.3	16481.3	100.0	-61.9	99.9	999.9	99.9	99.9	99.9	438.1	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
+ BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 24
CHICKASHA, OKLAHOMA

9 MAY 1979
2000 GMT

112 107. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.9	353.0	962.6	26.0	19.2	180.0	5.1	0.0	5.1	302.4	341.8	14.7	66.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	9.9	469.2	950.0	24.9*	17.4	176.9	10.8	-0.6	10.7	302.4	338.2	13.3	63.2	0.3	0.
1.3	12.1	703.2	925.0	22.9	16.9	176.1	12.8	-0.9	12.8	302.7	338.3	13.2	69.0	0.7	358.
1.7	14.3	941.3	900.0	20.8	16.5	173.4	12.7	-1.5	12.6	303.0	338.7	13.3	76.5	1.2	357.
2.5	16.5	1185.6	875.0	18.8	16.6	174.3	13.2	-1.3	13.2	303.3	340.2	13.7	87.1	1.8	355.
3.4	18.6	1434.5	850.0	16.7	15.6	178.4	13.0	-0.4	13.0	303.6	339.5	13.3	93.3	2.5	356.
4.3	20.9	1689.1	825.0	15.3	14.4	178.7	11.9	-0.3	11.9	304.8	339.2	12.6	94.1	3.2	356.
5.1	23.2	1950.3	800.0	13.4	12.4	176.8	11.7	-0.7	11.7	305.4	336.8	11.4	93.9	3.9	357.
5.9	25.5	2217.5	775.0	11.7	10.9	179.9	12.6	-0.0	12.6	306.4	335.8	10.7	94.6	4.4	357.
6.9	27.9	2491.6	750.0	10.7	-39.7	199.2	14.5	4.8	13.7	314.7	315.3	0.2	1.0	5.1	359.
7.8	30.3	2780.3	725.0	10.9	-39.6	203.0	16.8	6.5	15.4	318.1	318.7	0.2	1.0	5.9	3.
8.5	32.7	3077.0	700.0	10.2	-41.2	199.6	16.6	5.6	15.7	318.2	318.8	0.1	1.0	6.9	5.
9.3	35.2	3391.7	675.0	11.5	-38.3	198.0	17.2	5.3	16.3	318.6	319.3	0.2	1.5	7.8	7.
10.4	37.6	3717.1	650.0	8.9	-39.1	198.2	17.0	5.3	16.2	319.0	319.8	0.2	1.8	8.7	8.
11.7	40.2	4047.0	625.0	5.5	-39.4	197.6	17.1	5.2	16.3	318.7	319.4	0.2	2.2	9.7	9.
12.6	42.8	4388.4	600.0	2.3	-40.1	197.5	17.1	5.2	16.3	318.8	319.5	0.2	2.5	10.7	10.
13.7	45.6	4742.9	575.0	-1.1	-38.2	196.4	19.0	5.4	18.2	318.7	320.0	0.4	5.9	11.8	11.
14.7	48.2	5102.3	550.0	-4.3	-36.1	195.6	18.8	5.1	18.1	319.0	320.1	0.3	6.2	13.0	11.
15.9	51.1	5466.1	525.0	-7.4	-43.6	200.5	17.5	6.1	16.4	319.5	320.1	0.1	3.6	14.3	11.
17.2	54.0	5836.3	500.0	-9.2	-44.4	202.9	17.1	6.7	15.8	321.8	322.3	0.1	3.8	15.6	12.
18.4	56.9	6178.5	475.0	-12.2	-45.9	202.5	16.2	6.2	15.0	322.9	323.4	0.1	4.1	16.8	13.
19.7	59.9	6589.7	450.0	-14.8	-47.1	201.8	17.5	6.5	16.2	324.7	325.1	0.1	4.4	18.2	14.
21.2	63.0	7018.6	425.0	-19.0	-49.4	208.4	17.6	8.4	15.5	326.6	325.0	0.1	4.8	19.6	15.
22.6	66.1	7466.5	400.0	-22.6	-51.4	215.2	18.8	11.7	14.8	325.6	325.9	0.1	5.2	21.0	16.
24.1	69.4	7937.6	375.0	-25.6	-53.2	221.8	19.6	13.1	14.6	327.7	328.0	0.1	5.5	22.6	18.
25.6	72.9	8436.3	350.0	-23.2	-52.6	220.8	21.9	14.3	16.6	329.3	329.7	0.1	8.6	24.4	20.
27.1	76.5	8958.9	325.0	-33.7	-59.7	226.1	21.5	15.5	14.9	330.2	330.5	0.1	9.8	26.2	21.
29.3	81.2	9515.6	300.0	-37.9	-56.2	226.5	21.7	15.8	15.0	332.0	332.3	0.1	12.4	28.4	23.
31.4	86.2	10138.2	275.0	-43.5	99.9	225.6	20.5	14.7	14.4	332.2	999.9	99.9	999.9	30.6	25.
32.7	89.3	10743.3	250.0	-48.0	99.9	225.4	22.5	16.1	15.8	334.6	999.9	99.9	999.9	33.0	27.
34.9	92.7	11423.7	225.0	-54.0	99.9	230.3	24.2	18.6	15.5	335.8	999.9	99.9	999.9	35.6	28.
37.2	97.4	12176.3	200.0	-59.2	99.9	231.1	23.8	18.6	14.9	339.1	999.9	99.9	999.9	38.7	30.
39.6	102.4	13002.5	175.0	-62.7	99.9	232.8	25.4	20.2	15.3	346.5	999.9	99.9	999.9	42.1	32.
42.2	109.0	13963.6	150.0	-60.3	99.9	222.0	25.4	17.0	18.9	366.2	999.9	99.9	999.9	45.7	33.
45.3	116.3	15099.4	125.0	-62.2	99.9	999.9	99.9	99.9	99.9	382.4	999.9	99.9	999.9	50.3	34.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
Y TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
LY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 24
CHICKASHA, OKLAHOMA

9 MAY 1979
2257 GMT

116 95. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.0	353.0	961.5	25.5	18.4	180.0	7.2	0.0	7.2	302.0	339.6	14.1	65.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
1.3	1.3	459.2	950.0	25.1*	18.8	154.8	11.9	-5.1	10.8	302.7	341.8	14.6	68.3	0.3	335.
1.0	12.9	693.8	925.0	24.1	18.5	157.6	13.9	-5.3	12.9	304.0	343.5	14.7	71.0	0.6	335.
1.7	14.2	933.2	900.0	21.5	17.8	159.0	16.1	-5.8	15.1	303.7	342.7	14.5	79.4	1.3	337.
2.5	16.5	1177.4	875.0	19.1	17.3	161.5	16.6	-5.3	15.7	303.6	342.4	14.4	89.7	2.1	338.
3.5	18.6	1426.7	850.0	17.0	15.7	171.0	15.9	-2.5	15.7	304.0	340.1	13.4	91.9	3.0	340.
4.5	20.9	1681.7	825.0	15.9	14.3	177.8	15.1	-0.6	15.1	305.4	339.6	12.5	89.8	3.9	344.
5.5	23.2	1943.1	800.0	13.7	12.4	179.9	15.3	-0.0	15.3	305.8	337.1	11.4	91.5	4.8	347.
6.3	25.5	2210.2	775.0	11.0	-6.7	183.6	15.5	1.0	15.4	305.6	318.8	4.7	62.1	5.6	349.
7.3	27.9	2486.7	750.0	17.3	-14.9	195.3	16.8	4.4	16.2	315.4	320.5	1.6	9.7	6.5	352.
8.3	30.3	2774.7	725.0	16.2	-20.5	198.3	19.0	6.0	18.0	317.2	320.6	1.0	6.5	7.5	355.
9.4	32.7	3071.6	700.0	14.6	-23.6	198.7	18.9	5.9	17.9	318.7	321.4	0.8	5.4	8.6	359.
10.5	35.2	3376.9	675.0	11.9	-22.0	197.4	19.7	5.9	18.8	319.0	322.2	1.0	7.5	9.8	1.
11.6	37.7	3690.4	650.0	8.6	-24.4	198.6	21.0	6.7	19.9	318.7	321.4	0.8	7.6	11.1	3.
12.6	40.3	4012.3	625.0	5.5	-28.5	201.2	20.4	7.4	19.1	318.8	320.8	0.6	6.4	12.4	5.
13.8	42.9	4344.1	600.0	3.1	-29.9	206.8	20.6	8.7	18.7	319.7	321.5	0.5	6.6	13.7	7.
15.1	45.6	4686.3	575.0	-0.4	-31.5	207.2	21.6	9.9	19.2	319.5	321.2	0.5	7.3	15.3	9.
16.3	48.3	5039.2	550.0	-3.9	-32.6	207.1	21.0	9.6	18.7	319.5	321.0	0.4	8.5	16.8	10.
17.7	51.2	5403.9	525.0	-7.1	-37.7	206.0	21.9	8.9	20.0	319.9	320.9	0.3	6.5	18.5	12.
19.1	54.0	5782.4	500.0	-9.2	-39.0	206.2	22.2	9.1	20.3	321.8	322.7	0.3	6.7	20.3	13.
20.5	57.0	6177.6	475.0	-11.1	-40.2	205.3	21.9	9.4	19.8	324.2	325.1	0.2	6.9	22.1	14.
22.0	60.0	6589.7	450.0	-14.8	-42.4	211.6	21.2	11.1	18.0	324.7	325.4	0.2	7.3	24.0	15.
23.7	63.1	7019.1	425.0	-18.5	-44.3	219.6	23.6	15.1	18.2	325.3	325.9	0.2	7.7	26.1	17.
25.3	66.3	7467.8	400.0	-21.5	-45.2	225.6	24.8	17.7	17.4	327.1	327.7	0.2	9.6	28.4	19.
27.3	69.6	7940.6	375.0	-25.0	-45.6	230.4	24.5	18.9	15.6	328.5	329.2	0.2	12.7	30.9	22.
29.3	73.0	8438.2	350.0	-28.5	-47.4	228.9	21.9	16.5	14.4	330.4	330.9	0.1	14.1	33.3	24.
31.2	76.6	8964.7	325.0	-32.9	-50.9	231.8	22.5	17.7	13.9	331.3	331.7	0.1	14.5	35.6	26.
33.5	80.3	9523.4	300.0	-37.0	-54.0	232.5	25.1	19.9	15.3	333.3	333.6	0.1	14.9	38.3	28.
35.8	84.2	10118.6	275.0	-42.1	99.9	235.1	25.2	20.7	14.4	334.2	999.9	99.9	999.9	41.8	30.
38.5	88.3	10755.5	250.0	-46.3	99.9	235.1	23.4	19.2	13.4	334.8	999.9	99.9	999.9	45.3	32.
41.4	92.9	11441.5	225.0	-53.3	99.9	240.5	20.8	18.1	10.2	336.8	999.9	99.9	999.9	48.7	34.
44.1	97.4	12131.4	200.0	-54.6	99.9	245.4	25.0	22.8	10.4	339.9	999.9	99.9	999.9	51.8	36.
47.1	102.5	13020.9	175.0	-63.0	99.9	242.8	29.2	25.9	13.4	346.0	999.9	99.9	999.9	56.3	39.
51.4	108.0	13978.4	150.0	-60.6	99.9	231.7	30.6	24.0	19.0	365.6	999.9	99.9	999.9	62.1	40.
54.3	114.3	15109.6	125.0	-63.4	99.9	227.0	26.7	19.5	18.2	380.2	999.9	99.9	999.9	68.4	41.
54.7	121.3	16476.6	100.0	-64.0	99.9	999.9	99.9	99.9	99.9	404.2	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 24
CHICKASHA, OKLAHOMA

10 MAY 1979
205 GMT

128 99. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.3	353.0	961.2	23.5	19.0	160.0	3.1	-1.1	2.9	330.0	338.7	14.6	76.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	11.4	455.4	950.0	22.9	20.3	148.6	13.7	-7.1	11.7	330.5	342.8	16.0	85.0	0.3	326.
1.1	13.8	684.5	925.0	21.0	18.9	152.8	15.0	-6.9	13.3	330.8	340.8	15.1	88.0	0.8	329.
1.9	16.2	906.1	900.0	19.4	18.6	159.0	17.5	-6.3	16.4	331.5	341.8	15.2	94.9	1.5	332.
2.7	18.4	1128.4	875.0	17.7	16.9	164.3	19.0	-5.1	18.3	332.2	339.7	14.0	95.1	2.4	336.
3.5	21.1	1416.7	850.0	15.9	15.9	173.2	19.6	-2.2	18.5	332.8	337.2	12.7	94.4	3.3	339.
4.3	23.7	1671.1	825.0	14.7	13.6	179.6	19.0	-0.3	19.0	334.2	336.7	12.0	92.9	4.2	343.
5.1	26.2	1931.3	800.0	13.3	12.1	180.5	17.6	0.2	17.6	335.0	335.6	11.2	94.4	5.0	346.
5.9	27.9	2117.7	775.0	16.4	-17.5	191.1	16.7	3.2	16.4	341.5	345.6	1.2	8.2	5.9	348.
6.9	31.4	2470.2	750.0	17.2	-25.3	199.2	18.9	6.2	17.9	345.2	347.8	0.6	4.0	6.7	353.
7.8	34.1	2761.1	725.0	15.8	-25.8	196.9	19.3	5.6	18.5	346.0	348.0	0.6	4.1	7.7	356.
8.8	36.8	3051.9	700.0	13.0	-27.1	195.6	19.5	5.5	18.6	346.9	348.9	0.6	4.4	8.8	359.
9.8	39.5	3345.0	675.0	10.4	-28.3	193.9	19.2	5.2	18.2	347.8	349.1	0.5	4.7	9.9	1.
10.9	42.4	3647.4	650.0	7.6	-24.8	202.3	18.7	7.1	17.3	347.3	350.0	0.8	7.9	11.3	3.
12.3	46.3	4051.1	625.0	4.4	-26.6	208.6	19.1	7.9	17.3	347.5	349.8	0.7	8.2	12.2	5.
13.1	48.2	4234.3	600.0	1.3	-29.6	207.1	19.9	9.6	16.8	347.6	349.7	0.6	8.5	13.4	7.
14.3	51.2	4556.4	575.0	-1.9	-30.7	205.9	19.1	8.3	17.1	347.8	349.6	0.5	9.8	14.7	9.
15.6	54.3	4878.5	550.0	-5.1	-32.8	208.8	19.5	9.4	17.1	348.9	349.6	0.4	9.2	16.1	10.
17.1	57.4	5191.6	525.0	-7.9	-37.7	214.7	20.8	11.9	17.1	350.0	351.0	0.3	6.5	17.9	13.
18.6	60.5	5502.7	500.0	-9.6	-38.6	217.4	20.0	12.1	15.9	352.6	353.6	0.3	5.7	19.7	15.
20.2	63.9	5817.9	475.0	-11.8	-40.6	216.4	20.3	12.1	16.4	353.4	354.2	0.2	7.0	21.4	17.
21.7	67.1	6136.1	450.0	-14.7	-46.5	216.5	21.6	12.9	17.4	354.7	355.2	0.1	4.8	23.1	18.
23.2	70.7	6477.6	425.0	-17.9	-47.4	212.6	20.8	11.2	17.5	356.1	356.9	0.2	9.6	24.9	20.
24.7	74.3	7181.2	400.0	-21.5	-44.1	215.4	20.1	11.7	16.4	357.1	357.9	0.2	10.8	26.8	20.
26.3	78.0	7926.8	375.0	-24.6	-48.9	227.1	20.3	14.8	13.8	359.3	359.6	0.1	8.3	28.5	22.
27.9	81.9	8723.9	350.0	-29.0	-51.9	230.3	20.7	15.9	13.2	359.7	359.9	0.1	6.8	30.4	24.
29.0	86.9	8965.7	325.0	-33.8	-55.2	229.3	21.3	16.1	13.9	359.1	359.4	0.1	9.3	32.8	26.
32.3	93.2	9523.3	300.0	-37.4	-57.5	225.9	20.8	14.9	14.5	359.6	359.8	0.1	10.1	35.4	27.
36.7	98.6	10377.6	275.0	-42.6	99.9	226.5	21.1	15.3	14.5	333.6	999.9	99.9	999.9	38.2	29.
37.1	99.2	10734.2	250.0	-47.4	99.9	228.7	21.7	16.3	14.3	335.6	999.9	99.9	999.9	41.3	30.
39.7	104.2	11422.5	225.0	-53.1	99.9	232.9	21.0	16.7	12.6	337.1	999.9	99.9	999.9	44.4	32.
42.6	109.6	12172.2	200.0	-58.3	99.9	247.9	22.1	20.4	8.3	340.5	999.9	99.9	999.9	47.8	33.
45.0	115.5	13006.9	175.0	-62.8	99.9	262.5	17.4	17.2	2.3	346.4	999.9	99.9	999.9	49.7	36.
47.9	121.8	13952.3	150.0	-62.8	99.9	233.9	20.1	16.3	11.9	361.9	999.9	99.9	999.9	52.1	37.
52.3	128.7	15269.3	125.0	-65.0	99.9	226.6	25.4	18.5	17.5	377.3	999.9	99.9	999.9	58.2	39.
57.1	136.7	16431.1	100.0	-65.1	99.9	999.9	99.9	99.9	99.9	401.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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STATION NO. 24
CHICKASHA, OKLAMOMA

10 MAY 1979
454 GMT

130 94. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX REQ GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.0	353.0	961.5	23.4	18.5	160.0	4.6	-1.6	4.3	299.9	337.3	14.1	76.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	1.0	459.1	950.0	23.6	99.9	153.7	23.1	-10.2	20.7	301.2	999.9	99.9	999.9	0.4	341.
1.1	13.4	690.7	925.0	21.2	15.6	999.9	99.9	99.9	99.9	301.0	340.1	14.7	85.1	999.9	999.
1.9	15.9	924.1	900.0	19.5	18.4	999.9	99.9	99.9	99.9	301.6	341.6	15.0	93.7	999.9	999.
2.7	14.3	1170.6	875.0	17.5	16.6	999.9	99.9	99.9	99.9	302.0	338.7	13.7	94.5	999.9	999.
3.5	20.8	1418.7	850.0	15.9	14.9	999.9	99.9	99.9	99.9	302.8	337.1	12.7	96.3	999.9	999.
4.5	21.3	1672.6	825.0	14.1	13.2	999.9	99.9	99.9	99.9	303.5	335.2	11.7	96.2	999.9	999.
5.6	23.9	1932.6	800.0	12.4	11.5	999.9	99.9	99.9	99.9	304.4	333.9	10.8	96.2	999.9	999.
6.2	24.5	2199.1	775.0	12.1	-18.8	999.9	99.9	99.9	99.9	306.8	319.7	4.7	42.4	999.9	999.
7.2	31.2	2476.5	750.0	17.3	-39.3	999.9	99.9	99.9	99.9	315.4	316.0	0.2	1.0	999.9	999.
8.1	33.9	2766.3	725.0	15.8	-40.2	999.9	99.9	99.9	99.9	316.8	317.4	0.2	1.0	999.9	999.
9.1	36.7	3067.1	700.0	13.3	-41.7	201.5	24.8	9.1	23.1	317.3	317.8	0.1	1.0	11.8	359.
10.3	38.4	3380.9	675.0	10.7	-43.4	203.1	24.4	9.6	22.4	317.6	318.0	0.1	1.0	13.2	1.
11.1	42.3	3708.0	650.0	7.7	-45.2	206.5	24.4	10.9	21.9	317.6	318.0	0.1	1.0	14.6	4.
12.2	43.1	4047.1	625.0	5.2	-46.7	209.5	24.8	12.1	21.4	318.4	318.8	0.1	1.0	16.1	6.
13.4	44.1	4329.2	600.0	2.3	-48.5	208.4	25.7	12.2	22.6	318.8	319.1	0.1	1.0	17.8	8.
14.5	51.1	4669.6	575.0	-0.8	-50.5	207.6	27.6	12.8	24.5	319.0	319.3	0.1	1.0	19.5	10.
15.7	54.1	5022.7	550.0	-3.5	-52.1	212.6	25.4	13.7	21.4	320.0	320.2	0.1	1.0	21.3	12.
17.0	57.3	5387.0	525.0	-5.1	-53.2	210.5	23.6	12.0	20.3	322.3	322.5	0.0	1.0	23.0	14.
18.1	61.4	5770.3	500.0	-8.4	-48.9	207.8	22.7	10.6	20.1	322.9	323.3	0.1	3.1	24.6	14.
19.3	63.6	6169.1	475.0	-12.1	-29.6	229.4	22.4	17.0	14.6	323.0	326.4	1.0	32.4	26.0	16.
20.5	67.3	6575.8	450.0	-15.5	-42.9	221.6	21.9	14.5	16.4	323.8	324.5	0.2	7.4	27.3	18.
21.9	70.4	7006.0	425.0	-17.8	-48.8	214.7	21.6	12.3	17.8	326.1	326.5	0.1	4.7	29.0	19.
23.4	74.9	7456.6	400.0	-20.6	-63.1	213.9	22.7	12.7	18.8	328.2	328.3	0.0	1.0	30.9	20.
25.3	77.7	7933.4	375.0	-24.2	-65.2	210.2	23.7	11.9	20.5	329.6	329.7	0.0	1.0	33.2	21.
26.7	81.6	8426.1	350.0	-28.6	-60.9	214.4	24.0	13.5	19.8	330.2	330.3	0.0	2.8	35.4	21.
28.6	85.7	8955.8	325.0	-32.3	-62.5	231.9	26.7	21.0	16.4	332.2	332.3	0.0	3.2	38.2	23.
31.6	89.9	9516.0	300.0	-36.4	-64.5	226.0	24.5	17.6	17.0	334.1	334.2	0.0	3.6	40.8	25.
32.5	94.2	10113.3	275.0	-41.3	99.9	227.6	25.1	18.6	16.9	335.4	999.9	99.9	999.9	43.6	26.
34.7	99.0	10752.4	250.0	-47.2	99.9	231.1	24.3	18.9	15.3	336.0	999.9	99.9	999.9	46.5	28.
37.0	103.4	11441.6	225.0	-52.9	99.9	232.6	23.2	18.4	14.1	337.5	999.9	99.9	999.9	49.4	29.
39.8	109.2	12192.0	200.0	-57.5	99.9	255.8	25.9	25.1	6.4	341.7	999.9	99.9	999.9	52.8	32.
41.7	115.0	13027.7	175.0	-62.3	99.9	259.1	18.2	17.8	3.4	347.1	999.9	99.9	999.9	56.5	34.
43.9	121.0	13966.1	150.0	-66.2	99.9	234.1	19.5	15.8	11.4	356.1	999.9	99.9	999.9	58.1	35.
47.6	128.0	15003.1	125.0	-68.3	99.9	219.4	21.4	13.6	16.5	371.3	999.9	99.9	999.9	61.3	36.
52.7	136.0	16419.4	100.0	-60.8	99.9	999.9	99.9	99.9	99.9	410.2	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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STATION NO. 24
CHICKASHA, OKLAMONA

10 MAY 1979
800 GMT

115 100. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MA RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.8	353.0	964.2	22.7	19.5	150.0	9.3	-4.7	8.1	299.0	338.4	15.0	82.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.8	10.6	682.4	950.0	21.8	20.5	176.9	9.8	-0.5	9.8	299.4	342.2	16.3	92.4	0.2	10.
1.3	12.9	714.6	925.0	20.2	19.5	184.2	12.0	0.9	12.0	300.0	341.2	15.6	93.5	0.6	4.
2.3	15.0	951.4	900.0	18.6	17.9	192.3	16.8	3.6	16.4	300.7	339.3	14.5	95.4	1.5	7.
3.1	17.3	1193.9	875.0	17.2	16.4	200.1	19.4	6.7	18.3	301.6	338.0	13.6	95.3	2.3	10.
4.1	19.5	1441.5	850.0	15.6	14.9	205.5	17.7	7.6	15.9	302.5	336.5	12.7	95.6	3.8	15.
5.1	21.8	1695.1	825.0	13.9	13.2	206.9	18.0	8.1	16.0	303.3	335.0	11.7	95.1	4.5	18.
6.1	24.2	1955.0	800.0	12.3	11.6	207.2	22.9	10.4	20.3	304.3	333.9	10.8	95.2	5.8	19.
6.7	25.5	2221.4	775.0	11.4	10.7	215.1	20.5	11.8	16.8	306.1	335.2	10.5	95.2	6.6	21.
7.6	28.9	2496.0	750.0	10.2	9.5	219.8	20.5	13.1	15.7	307.1	335.5	10.0	95.1	7.3	23.
8.0	31.3	2778.6	725.0	9.1	8.3	217.6	20.9	12.7	16.5	309.4	336.3	9.6	94.9	8.1	24.
8.9	33.8	3068.9	700.0	6.7	5.9	217.6	18.1	11.0	14.3	309.9	333.5	8.3	94.5	9.2	26.
10.1	36.2	3366.6	675.0	6.8	-4.1	215.8	13.4	7.9	10.9	313.3	325.9	4.2	45.7	10.2	27.
11.4	38.8	3676.4	650.0	5.3	-9.3	210.2	13.7	6.9	11.8	315.0	324.0	2.9	33.7	11.2	27.
12.6	41.4	3995.2	625.0	2.8	-34.7	205.9	17.0	7.4	15.3	315.7	317.3	0.5	6.4	12.3	28.
13.7	44.1	4323.7	600.0	0.2	-49.8	201.8	18.6	6.9	17.3	316.3	316.6	0.1	1.0	13.7	27.
15.4	46.8	4661.3	575.0	-2.2	-51.3	203.5	15.8	6.3	14.5	317.4	317.6	0.1	1.0	15.3	27.
16.5	49.6	5013.4	550.0	-5.5	-53.4	196.3	21.2	6.0	20.4	317.6	317.8	0.0	1.0	16.7	26.
18.2	52.3	5377.9	525.0	-6.3	-53.9	199.2	20.2	6.6	19.1	320.9	321.1	0.0	1.0	18.5	25.
19.4	55.3	5757.3	500.0	-9.5	-38.3	205.7	18.5	8.0	16.7	321.5	322.5	0.3	7.5	19.9	25.
21.7	59.3	6154.3	475.0	-11.8	-52.6	205.7	20.3	8.8	18.3	323.4	323.6	0.1	1.9	21.4	25.
23.7	61.3	6563.1	450.0	-14.8	-57.5	203.5	19.7	7.9	18.1	324.7	324.8	0.0	1.3	22.9	25.
25.4	64.4	6993.0	425.0	-18.0	-57.7	206.4	18.8	8.4	16.8	326.0	326.1	0.0	1.6	24.5	25.
26.3	67.7	7443.6	400.0	-20.8	-63.2	215.4	19.6	11.4	16.0	327.9	328.0	0.0	1.0	26.6	25.
27.5	71.0	7917.3	375.0	-24.6	-65.6	222.4	20.1	13.5	14.8	329.1	329.2	0.0	1.0	29.3	27.
29.7	74.6	8415.2	350.0	-28.9	-68.4	221.3	21.1	13.9	15.8	329.8	329.9	0.0	1.0	31.9	28.
31.7	78.1	8943.5	325.0	-33.1	-71.2	228.6	21.5	16.1	14.2	331.1	331.1	0.0	1.0	34.2	29.
33.7	81.9	9497.4	300.0	-38.2	-74.6	224.0	17.2	11.9	12.3	331.5	331.5	0.0	1.0	36.5	30.
35.4	85.9	10330.5	275.0	-42.8	99.9	216.8	20.2	12.1	16.1	333.3	999.9	99.9	999.9	38.9	31.
38.9	90.2	10725.7	250.0	-48.8	99.9	222.8	16.2	11.0	11.9	337.6	999.9	99.9	999.9	42.6	31.
41.8	94.5	11414.7	225.0	-52.4	99.9	230.8	15.9	12.3	10.1	338.2	999.9	99.9	999.9	45.0	32.
44.5	97.2	12164.7	200.0	-58.9	99.9	250.0	14.2	13.4	4.9	339.6	999.9	99.9	999.9	46.8	34.
47.1	104.4	12989.7	175.0	-63.2	99.9	215.5	12.5	7.3	10.2	342.3	999.9	99.9	999.9	48.7	36.
50.3	110.9	13933.3	150.0	-63.9	99.9	225.7	23.2	16.6	16.2	360.1	999.9	99.9	999.9	52.8	34.
54.7	116.0	15032.1	125.0	-65.8	99.9	222.4	27.9	18.8	20.6	375.8	999.9	99.9	999.9	58.8	36.
60.5	123.3	16399.6	100.0	-60.5	99.9	999.9	99.9	99.9	99.9	410.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 24
CHICKASHA, OKLAHOMA

10 MAY 1979
1100 GMT

12V 99. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE NM	AZ DG
0.0	0.0	353.0	963.5	21.4	20.0	140.0	1.5	-1.0	1.1	297.7	338.3	15.5	92.0	0.0	0.
99.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.0	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	10.1	475.5	950.0	21.8	20.6	164.8	13.1	-3.4	12.6	299.3	342.2	16.3	92.9	0.2	333.
1.2	12.4	707.1	925.0	20.4	19.2	177.2	15.0	-0.7	15.0	300.2	340.8	15.6	93.0	0.8	344.
2.1	14.7	944.9	900.0	19.7	17.7	194.3	17.8	4.6	17.2	301.8	340.0	14.3	83.0	1.6	356.
3.0	17.1	1188.2	875.0	19.0	15.9	202.3	18.8	7.1	17.4	303.5	338.9	13.1	82.0	2.6	6.
3.9	19.5	1437.7	850.0	17.9	14.1	208.9	17.7	8.5	15.5	304.9	337.8	12.1	78.6	3.5	11.
4.9	22.0	1693.1	825.0	15.8	13.7	215.2	16.4	9.5	13.4	305.3	338.3	12.1	87.5	4.4	15.
5.7	24.5	1954.7	800.0	14.4	11.6	218.2	16.2	10.0	12.8	306.5	338.5	10.9	83.5	5.2	19.
6.6	26.9	2223.3	775.0	13.1	11.5	226.6	16.1	11.7	11.1	307.9	338.6	11.1	89.9	6.0	22.
7.5	29.5	2499.3	750.0	11.4	9.3	229.8	15.8	12.1	10.2	309.0	338.7	9.9	86.9	6.8	26.
8.5	32.1	2782.4	725.0	9.4	7.9	228.5	15.9	11.9	10.5	309.8	339.9	9.3	90.2	7.7	28.
9.8	34.9	3073.1	700.0	6.9	5.7	226.1	16.4	11.8	11.4	310.2	333.6	8.2	91.7	8.8	31.
10.8	37.8	3371.7	675.0	5.6	-2.5	220.2	17.0	11.0	13.0	311.9	326.7	5.1	62.3	9.9	32.
12.1	40.2	3681.2	650.0	6.2	-21.0	215.0	17.6	10.1	14.4	316.0	319.9	1.2	12.9	11.1	33.
13.2	43.1	4000.9	625.0	3.6	-31.7	213.2	19.3	10.6	16.1	316.6	318.1	0.4	5.4	12.5	33.
14.5	46.1	4330.3	600.0	1.2	-33.0	212.2	20.9	11.2	17.7	317.6	318.9	0.4	5.6	14.0	33.
15.9	49.1	4670.2	575.0	-1.9	-34.7	213.5	23.0	11.7	19.8	317.7	319.0	0.3	6.0	15.8	33.
17.2	52.0	5021.9	550.0	-3.8	-35.8	212.0	24.3	12.9	20.6	319.6	320.7	0.3	6.2	17.6	32.
18.6	55.1	5387.6	525.0	-6.2	-37.2	215.9	24.1	14.1	19.5	321.0	322.1	0.3	6.4	19.5	33.
19.7	58.3	5766.3	500.0	-7.3	-38.2	216.0	23.5	14.4	18.5	321.7	322.7	0.3	7.5	21.3	33.
21.1	61.4	6160.8	475.0	-12.7	-34.8	221.2	24.2	15.9	18.2	322.3	323.7	0.4	13.7	23.2	34.
22.5	64.8	6570.5	450.0	-15.7	-35.5	217.6	25.6	15.6	20.3	323.5	325.0	0.4	16.3	25.3	34.
24.2	68.1	6999.4	425.0	-19.0	-48.9	218.2	26.4	14.8	21.8	325.9	326.3	0.1	4.7	27.8	34.
25.4	71.7	7449.7	400.0	-21.7	-53.9	217.4	25.4	15.4	20.2	326.8	327.1	0.1	5.1	30.4	34.
27.5	75.4	7921.8	375.0	-25.3	-54.4	219.0	27.2	17.1	21.1	328.2	328.4	0.1	4.7	33.2	35.
29.3	79.3	8419.8	350.0	-28.7	-58.9	218.3	27.2	16.9	21.4	330.1	330.2	0.0	4.0	36.0	35.
31.3	83.3	8945.4	325.0	-33.0	-60.7	218.8	26.7	15.5	19.3	331.2	332.4	0.3	45.9	38.7	35.
32.3	87.5	9503.1	300.3	-37.9	-61.2	221.9	26.5	17.7	19.7	332.0	333.3	0.3	70.8	41.5	36.
34.9	91.8	10096.7	275.0	-42.8	99.9	216.1	26.8	15.8	21.7	333.3	999.9	99.9	999.9	44.9	36.
37.7	96.6	10733.2	250.0	-47.7	99.9	209.7	23.9	11.9	20.7	335.2	999.9	99.9	999.9	49.0	36.
40.2	101.4	11420.3	225.0	-53.6	99.9	203.6	21.1	7.4	19.8	336.3	999.9	99.9	999.9	52.0	35.
42.6	106.5	12165.9	200.0	-60.1	99.9	210.4	25.1	12.7	21.7	337.6	999.9	99.9	999.9	55.3	34.
45.4	112.8	12988.1	175.0	-66.8	99.9	228.0	27.6	20.5	18.5	339.8	999.9	99.9	999.9	59.5	35.
49.4	119.3	13938.1	150.0	-62.1	99.9	229.9	30.8	23.6	19.9	343.0	999.9	99.9	999.9	66.3	37.
53.4	126.3	15059.8	125.0	-66.3	99.9	215.1	32.6	18.7	26.7	345.0	999.9	99.9	999.9	73.1	37.
55.4	134.3	16411.6	100.0	-62.7	99.9	999.9	99.9	99.9	99.9	406.7	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 25
CHILDRESS, TEXAS

9 MAY 1979
1202 GMT

101 177. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.0	596.0	932.2	22.5	18.3	150.0	7.7	-3.9	6.7	301.7	340.0	14.4	77.0	0.0	0.
99.9	99.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	12.7	663.6	925.0	21.0	18.0	167.8	11.6	-2.4	11.3	300.6	338.7	14.3	83.5	0.3	345.
0.9	15.1	73 .2	900.3	20.6	18.4	186.5	14.9	1.7	14.9	332.7	342.8	15.0	87.3	0.7	347.
1.7	17.5	1165.7	875.0	19.8	17.7	205.9	17.3	7.5	15.5	304.3	344.1	14.8	87.8	1.5	2.
2.5	20.0	1375.7	850.0	18.4	16.5	215.3	18.5	10.7	15.1	305.4	343.6	14.1	88.7	2.3	14.
3.3	22.5	1582.4	825.0	16.9	14.4	221.8	19.9	13.3	14.8	306.5	341.1	12.6	85.0	3.2	21.
4.1	25.0	1784.9	800.0	15.5	11.9	229.6	20.4	15.6	13.2	307.7	335.4	11.1	79.2	4.0	26.
4.9	27.5	2184.6	775.0	15.2	7.4	241.9	17.8	15.7	8.4	310.2	334.1	8.4	59.8	4.9	32.
5.7	30.1	2443.0	750.0	15.1	2.5	248.1	12.6	11.6	4.7	313.0	331.0	6.2	42.8	5.5	37.
6.6	32.7	2750.1	725.0	14.8	-2.5	235.0	14.3	11.7	8.2	315.7	328.9	4.4	30.3	6.0	39.
7.5	35.4	3046.1	700.0	13.6	-7.2	228.6	19.5	13.0	14.6	317.5	327.4	3.2	22.9	7.0	40.
8.4	38.1	3351.0	675.0	11.3	-10.3	213.9	21.2	11.8	17.6	318.9	324.4	2.6	20.7	8.2	40.
9.4	40.9	3664.6	650.0	9.1	-12.1	209.0	22.0	10.7	19.2	319.3	326.6	2.3	23.8	9.4	39.
10.5	43.8	3987.4	625.0	6.0	-14.2	205.3	21.7	9.3	19.6	319.3	325.8	2.0	21.8	10.8	37.
11.5	46.6	4319.6	600.0	2.6	-15.1	198.9	20.2	6.5	19.1	319.1	325.4	2.0	25.6	12.1	35.
12.7	49.6	4661.7	575.0	-0.6	-14.8	196.2	20.1	4.9	19.5	319.3	326.0	2.1	33.2	13.4	33.
13.9	52.5	5014.7	550.0	-3.9	-15.9	192.4	18.4	3.9	18.0	319.4	325.9	2.0	30.7	14.8	32.
15.0	55.6	5380.7	525.0	-5.5	-21.8	201.6	18.6	6.8	17.3	321.8	326.0	1.3	26.5	15.9	30.
16.3	58.8	5761.3	500.0	-8.[illegible]	-21.4	210.5	20.3	10.3	17.5	322.7	327.3	1.4	34.2	17.4	30.
17.7	62.0	6156.5	475.0	-12.0	-22.9	216.1	21.2	12.5	17.2	323.1	327.4	1.3	34.9	19.1	30.
19.1	65.3	6567.5	450.0	-15.9	-23.9	216.9	21.6	12.9	17.3	323.2	327.3	1.2	50.1	20.9	31.
21.5	68.7	6995.2	425.0	-19.7	-29.6	217.8	21.8	13.3	17.2	323.8	326.7	0.9	45.1	22.7	31.
22.9	72.3	7443.2	400.0	-22.4	-34.1	225.1	23.4	16.6	16.5	325.9	327.8	0.5	33.5	24.7	32.
23.3	75.9	7914.8	375.0	-24.7	-38.7	225.2	24.8	17.6	17.5	328.9	330.2	0.4	27.1	26.8	33.
24.5	7[illegible].7	8412.6	350.0	-29.0	-40.0	221.0	22.1	14.5	16.7	329.7	330.9	0.3	33.5	28.7	34.
26.5	83.7	8934.0	325.0	-33.4	-43.4	218.3	22.1	13.7	17.3	330.7	331.6	0.2	35.1	30.7	34.
27.4	87.8	9474.8	300.0	-37.9	-47.5	221.6	24.4	16.2	18.2	332.3	332.7	0.2	35.1	33.4	35.
33.5	92.2	10387.7	275.0	-43.3	99.9	217.8	25.6	15.7	20.2	332.5	999.9	99.9	999.9	36.5	35.
33.0	96.8	13721.6	250.0	-49.0	99.9	220.3	25.3	16.4	19.3	333.3	999.9	99.9	999.9	40.3	35.
34.6	101.6	11493.8	225.0	-54.2	99.9	225.6	26.8	19.2	18.8	335.5	999.9	99.9	999.9	44.3	36.
34.3	106.5	12153.1	200.0	-58.8	99.9	999.9	99.9	99.9	99.9	339.6	999.9	99.9	999.9	49.0	37.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BE.[illegible]EEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 25
CHILDRESS, TEXAS

9 MAY 1979
1407 GMT

123 106. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.1	596.0	932.6	22.2	17.1	160.0	7.7	-2.6	7.2	301.3	337.0	13.3	73.0	0.0	0.
99.9	99.9	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	13.4	667.4	925.0	22.2	17.7	171.5	11.5	-1.7	11.4	302.0	339.4	14.0	75.9	0.3	352.
1.0	14.3	695.7	900.0	23.4	17.5	183.0	13.1	0.7	13.1	302.5	340.6	14.2	83.4	0.8	353.
1.5	15.7	734.3	875.0	18.4	17.3	201.7	15.9	5.9	14.8	302.9	341.5	14.4	93.0	1.5	1.
2.7	21.2	834.7	850.0	18.6	17.5	219.3	17.9	11.4	13.9	305.7	344.3	15.0	93.0	2.3	12.
3.5	23.7	1053.3	825.0	17.5	12.2	235.5	15.8	13.1	9.0	307.1	337.3	10.9	71.3	3.1	22.
4.5	25.3	1314.3	800.0	18.5	4.2	257.1	11.8	11.5	2.6	310.9	329.7	6.5	39.0	3.7	31.
5.5	23.9	2193.3	775.0	17.3	-0.7	260.6	9.5	9.3	1.6	312.4	326.3	4.7	29.3	4.0	37.
6.3	31.4	2367.1	750.0	15.0	-2.9	243.0	9.0	8.0	4.1	312.9	325.2	4.1	28.8	4.4	41.
7.3	33.1	2755.9	725.0	14.4	-5.6	226.0	11.3	8.1	7.8	315.2	325.9	3.5	24.6	5.0	42.
8.3	35.8	3151.2	700.0	12.7	-7.2	221.8	15.2	10.1	11.3	316.6	326.4	3.2	24.2	5.8	42.
9.4	37.6	3355.4	675.0	11.5	-9.3	216.2	21.0	12.4	17.0	318.6	327.0	2.7	21.2	7.0	42.
10.5	42.4	3564.3	650.0	8.9	-12.3	212.0	23.5	12.5	20.0	319.0	326.2	2.3	20.9	8.6	40.
11.7	45.3	3991.3	625.0	5.8	-14.5	206.8	24.0	10.8	21.5	319.1	325.5	2.0	21.5	10.2	38.
12.8	48.2	4324.1	600.0	3.9	-16.3	202.1	23.6	8.9	21.8	320.6	326.3	1.8	21.2	11.7	37.
14.3	51.2	4667.3	575.0	-0.4	-17.5	197.8	22.5	6.9	21.4	319.6	325.0	1.7	26.1	13.3	35.
15.2	54.3	5020.5	550.0	-3.8	-19.3	196.4	22.5	6.3	21.6	319.5	324.4	1.5	28.7	14.8	33.
16.4	57.4	5386.4	525.0	-5.3	-24.4	200.7	23.1	8.1	21.6	322.1	325.5	1.0	20.5	16.5	31.
17.7	60.6	5767.4	500.0	-9.3	-26.9	206.3	22.9	9.4	20.9	322.1	324.9	0.8	21.9	18.2	30.
19.9	63.9	6162.2	475.0	-12.1	-22.8	207.4	22.9	10.6	20.3	323.0	327.2	1.3	40.5	20.0	30.
20.3	67.3	6573.2	450.0	-15.5	-26.5	210.5	22.8	11.6	19.7	323.7	327.6	1.2	46.1	21.8	30.
21.7	70.7	7001.4	425.0	-19.4	-27.3	212.8	23.1	12.5	19.4	324.1	327.3	1.0	49.6	23.6	30.
23.2	74.4	7447.3	400.0	-22.5	-32.4	219.3	22.8	14.4	17.6	325.7	327.9	0.6	39.9	25.7	30.
25.1	78.1	7911.2	375.0	-23.0	-37.9	221.2	23.5	15.5	17.7	328.5	329.9	0.4	29.1	28.3	31.
26.9	82.0	8414.3	350.0	-28.4	-40.9	217.1	25.6	15.4	20.4	330.5	331.6	0.3	28.5	30.9	32.
28.9	86.2	8940.8	325.0	-32.3	-45.3	219.0	25.1	15.8	19.5	332.2	333.0	0.2	25.8	33.8	33.
31.0	90.3	9506.3	300.0	-37.2	-49.7	222.6	26.6	18.0	19.6	333.0	333.5	0.1	25.5	36.9	33.
32.8	94.9	10103.9	275.0	-42.2	99.9	222.9	26.2	17.8	19.2	334.2	999.9	99.9	999.9	40.1	34.
35.1	99.5	10737.8	250.0	-48.2	99.9	223.5	24.9	17.1	18.1	334.5	999.9	99.9	999.9	43.6	35.
37.5	104.6	11422.2	225.0	-54.1	99.9	223.1	26.8	18.3	19.6	335.6	999.9	99.9	999.9	47.0	35.
39.3	110.0	12166.7	200.0	-59.5	99.9	229.4	30.7	23.3	20.0	338.1	999.9	99.9	999.9	51.2	36.
42.8	115.8	12996.5	175.0	-62.8	99.9	232.5	33.2	26.3	20.2	341.6	999.9	99.9	999.9	56.1	38.
45.3	122.3	13954.2	150.0	-58.3	99.9	226.9	27.6	19.5	19.6	344.7	999.9	99.9	999.9	62.3	39.
47.3	129.3	15097.9	125.0	-62.1	99.9	99.9	99.9	99.9	99.9	342.5	999.9	99.9	999.9	67.5	39.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 25
CHILDRESS, TEXAS

9 MAY 1979
1705 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.9	596.0	932.6	27.8	16.1	180.0	9.3	0.0	9.3	307.0	341.3	12.5	49.8	0.0	0.
99.9	99.9	93.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	13.7	666.5	925.0	26.9	17.3	185.6	10.2	1.0	10.1	306.8	344.0	13.6	55.7	0.3	356.
0.9	14.1	910.7	900.0	24.3	17.0	183.7	11.1	0.7	11.0	306.6	344.1	13.7	63.7	0.6	0.
1.7	14.6	1157.3	875.0	21.5	16.4	181.3	11.3	0.3	11.3	306.2	343.1	13.6	72.5	1.1	1.
2.4	21.1	1409.4	850.0	19.0	16.0	184.3	10.5	0.8	10.5	306.1	343.3	13.6	82.7	1.6	1.
3.2	23.5	1664.9	825.0	16.5	15.3	197.4	10.4	3.1	9.9	336.1	342.7	13.4	92.6	2.1	3.
3.9	26.3	1927.2	800.0	14.4	13.7	214.4	9.3	5.3	7.7	306.6	340.6	12.4	95.8	2.5	7.
4.5	24.6	2196.0	775.0	12.9	12.1	217.6	9.8	6.0	7.8	307.7	339.7	11.6	94.8	2.8	11.
5.3	31.2	2471.3	750.0	10.6	-17.6	212.6	11.3	6.1	9.5	308.1	312.1	1.3	12.2	3.2	14.
6.0	33.8	2755.0	725.0	13.1	-29.7	210.8	15.1	7.7	13.0	313.9	315.4	0.4	3.4	3.8	17.
6.9	36.6	3043.6	700.0	11.5	-30.2	205.4	18.7	8.0	16.9	315.3	316.8	0.4	3.6	4.6	19.
7.8	39.2	3351.2	675.0	9.9	-32.0	202.6	23.1	9.9	21.4	316.8	318.1	0.4	3.4	5.7	20.
8.7	42.3	3662.7	650.0	7.6	-42.6	205.2	26.2	11.1	23.7	317.5	319.0	0.1	1.3	7.1	20.
9.6	44.9	3993.9	625.0	4.9	-42.5	209.0	25.9	12.5	22.6	318.1	318.6	0.1	1.6	8.5	21.
10.7	47.6	4314.9	600.0	2.3	-42.8	212.0	24.0	13.0	20.8	318.8	319.3	0.1	1.9	10.2	23.
11.8	50.8	4656.4	575.0	-0.8	-39.2	210.7	24.0	12.3	20.7	319.1	319.8	0.2	3.5	11.8	24.
12.9	53.9	5009.8	550.0	-3.1	-40.2	201.2	24.0	8.7	22.4	320.4	321.2	0.2	3.7	13.2	25.
13.9	56.9	5370.3	525.0	-6.6	-41.4	196.5	23.1	5.8	22.4	320.5	321.2	0.2	4.1	14.8	24.
15.2	60.3	5754.1	500.0	-9.4	-43.2	195.7	24.1	6.5	23.2	321.6	322.2	0.2	4.4	16.6	23.
16.5	63.3	6149.6	475.0	-12.5	-36.4	199.7	22.5	7.6	21.2	322.6	324.1	0.4	14.0	18.5	22.
18.2	66.6	6556.7	450.0	-16.1	-23.7	203.5	22.7	9.0	20.8	323.0	325.5	0.7	29.8	20.7	22.
19.9	70.1	6980.1	425.0	-19.9	-29.4	209.8	24.8	12.3	21.6	323.5	326.2	0.8	42.2	23.0	23.
21.5	73.6	7434.2	400.0	-22.8	-46.0	216.6	26.0	15.5	20.9	326.4	327.9	0.2	9.2	25.5	24.
23.4	77.3	7939.7	375.0	-25.5	-48.4	219.2	27.7	17.5	21.5	327.9	329.3	0.1	9.4	28.4	25.
25.8	81.1	8402.2	350.0	-29.5	-51.3	221.7	29.4	19.5	22.0	329.0	329.3	0.1	10.0	32.0	27.
27.9	85.1	8927.6	325.0	-33.0	-54.0	220.4	28.0	18.2	21.3	331.2	331.5	0.1	10.1	35.9	29.
30.3	89.2	9488.9	300.0	-37.9	-58.7	220.7	28.7	18.7	21.8	332.0	332.2	0.0	9.2	39.5	30.
32.3	93.6	10076.7	275.0	-42.6	99.9	221.5	27.2	18.1	20.4	333.5	999.9	99.9	999.9	43.3	31.
34.6	99.2	10714.5	250.0	-48.3	99.9	223.9	26.5	18.4	19.1	334.2	999.9	99.9	999.9	46.8	32.
37.0	103.2	11399.3	225.0	-54.3	99.9	225.4	27.7	19.7	19.4	335.3	999.9	99.9	999.9	50.6	33.
39.7	109.6	12145.1	200.0	-59.5	99.9	234.0	31.3	25.3	18.4	338.6	999.9	99.9	999.9	55.2	34.
42.5	114.9	12974.5	175.0	-62.5	99.9	234.8	33.8	27.6	19.5	340.4	999.9	99.9	999.9	60.6	36.
45.8	120.9	13933.7	150.0	-59.2	99.9	999.9	99.9	99.9	99.9	340.1	999.9	99.9	999.9	66.4	37.
49.5	128.0	15072.0	125.0	-61.3	99.9	999.9	99.9	99.9	99.9	384.8	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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STATION NO. 25
CHILDRESS, TEXAS

9 MAY 1979
2006 GMT

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TEMP MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.1	596.0	931.0	31.1	15.5	170.0	9.3	-1.6	9.2	310.5	344.1	12.0	30.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	999.
0.2	13.6	656.2	925.0	33.9	16.2	174.1	10.8	-1.1	10.7	311.0	345.2	12.6	41.0	0.3	356.
1.1	14.1	984.4	900.0	29.3	15.5	177.8	11.6	-0.4	11.6	310.6	345.4	12.4	45.9	0.9	354.
2.2	14.6	1164.4	875.0	26.1	14.9	177.1	12.2	-0.6	12.2	310.9	345.1	12.2	49.8	1.6	355.
3.6	21.0	1403.4	850.0	23.5	14.1	178.0	11.3	-1.8	11.1	313.8	344.5	12.1	55.0	2.5	355.
4.5	23.5	1583.4	825.0	20.5	12.5	166.9	9.6	-2.2	9.2	310.2	341.4	11.1	60.1	3.1	356.
5.1	26.1	1727.5	803.0	18.6	99.9	179.3	12.0	-0.1	12.0	317.9	999.9	99.9	999.9	3.6	353.
6.1	29.7	2 97 4	775.0	15.5	99.9	189.3	11.9	1.9	11.8	320.5	999.9	99.9	999.9	4.2	155.
7.1	31.3	2673.6	750.0	13.4	99.9	197.4	13.1	3.9	12.5	321.1	999.9	99.9	999.9	4.9	349.
8.3	34.3	2757.0	725.0	10.8	99.9	200.2	15.9	5.5	14.9	321.3	999.9	99.9	999.9	5.8	2.
9.6	37.7	3369.8	700.0	10.3	-4.7	202.1	18.4	6.8	16.8	313.9	325.5	3.9	36.8	7.3	5.
10.9	39.4	3351.3	675.0	9.4	-14.4	205.8	21.8	9.5	19.7	316.1	322.1	1.9	17.1	8.5	9.
12.3	42.1	3653.3	650.0	7.9	-19.9	204.6	24.1	10.8	21.9	317.9	321.9	1.2	11.9	10.1	11.
13.2	43.1	3838.5	625.0	5.3	-19.8	204.7	25.7	10.7	23.3	318.5	322.7	1.3	10.2	11.9	13.
14.8	44.1	4315.2	600.0	1.8	-22.5	211.4	25.2	13.1	21.5	319.2	321.6	1.0	14.5	13.7	15.
15.5	51.3	4657.0	575.0	-0.5	-25.0	216.7	27.1	16.2	21.8	319.4	322.4	0.9	13.8	15.6	17.
16.	50.1	5010.9	550.0	-2.6	-26.5	212.4	26.3	14.1	22.2	321.0	323.6	0.8	13.9	17.2	19.
17.8	57.1	5377.8	525.0	-5.2	-28.3	204.3	24.5	10.1	22.3	322.2	324.6	0.7	14.1	19.3	23.
1 .6	60.8	5758.6	500.0	-8.9	-30.5	202.2	25.1	9.5	23.2	322.2	324.3	0.6	15.4	21.1	23.
20.7	61.6	6153.8	475.0	-11.8	-27.8	206.6	26.1	11.7	23.3	323.4	326.2	0.8	25.4	23.2	21.
22.1	67.0	6568.6	450.0	-15.5	-26.7	212.0	25.5	13.5	21.6	323.8	327.0	0.9	37.4	25.2	21.
23.6	72.6	6993.9	425.0	-18.8	-23.4	218.5	26.9	16.7	21.0	324.9	327.6	0.8	39.5	27.2	22.
24.9	74.9	7462.9	400.0	-21.7	-32.7	220.4	28.9	18.8	22.0	326.8	328.9	0.6	36.3	29.4	24.
25.9	77.7	7915.0	375.0	-25.5	-35.2	999.9	99.9	99.9	99.9	327.9	329.5	0.5	36.8	32.8	25.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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STATION NO. 25
CHILDRESS, TEXAS

9 MAY 1979
2315 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	93.3	596.0	929.5	31.1	14.3	150.0	13.4	-6.7	11.6	310.7	341.8	11.	36.0	0.0	0.
9.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
9.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.1	13.7	639.6	925.0	30.9	17.0	149.4	15.1	-7.7	13.0	314.0	348.5	13.5	43.8	0.3	343.
0.9	16.2	864.4	900.0	26.9	16.7	150.0	16.6	-8.3	14.4	309.3	346.6	13.5	53.7	0.8	331.
1.7	18.6	1133.2	875.0	23.3	16.4	157.8	18.9	-7.1	17.5	310.1	347.8	13.6	57.9	1.8	331.
2.4	21.1	1388.0	850.0	23.4	15.7	167.4	18.8	-3.9	17.6	310.6	347.8	13.4	62.2	3.1	337.
4.3	23.5	1647.5	825.0	19.5	13.6	169.9	16.8	-2.9	16.6	309.2	342.5	12.9	68.7	4.2	340.
5.6	26.2	1912.1	800.0	17.3	12.6	177.9	18.2	-0.7	18.2	309.6	341.9	11.8	73.6	5.1	342.
7.0	28.9	2183.2	775.0	15.5	10.2	190.1	17.3	3.0	17.0	310.4	339.0	10.1	70.7	6.0	346.
8.4	31.4	2461.3	750.0	14.6	6.9	205.7	16.4	7.1	14.8	312.4	335.5	8.4	60.1	6.8	350.
9.4	34.1	2747.4	725.0	12.6	4.5	211.6	17.8	9.3	15.1	313.3	334.5	7.3	57.5	7.6	355.
10.7	36.8	3041.2	700.0	10.3	2.5	211.6	19.4	10.2	16.5	313.9	333.2	6.6	58.6	8.5	359.
12.1	39.6	3343.3	675.0	8.6	0.1	219.4	19.4	12.3	15.0	315.3	332.5	5.8	56.1	9.5	3.
13.4	42.4	3654.7	650.0	6.7	-3.1	223.4	21.3	14.6	15.5	316.6	330.7	4.7	49.4	10.5	8.
14.9	45.3	3975.6	625.0	4.6	-9.7	221.0	24.8	16.3	18.7	317.7	326.8	3.0	36.8	11.7	12.
16.1	48.2	4306.9	600.0	2.7	-18.1	218.9	26.4	16.6	20.5	319.3	324.3	1.5	19.8	13.4	16.
16.4	51.2	4649.6	575.0	-0.2	-24.0	217.7	27.6	16.8	21.8	319.8	323.0	1.0	14.5	15.3	19.
19.5	54.3	5004.6	550.0	-1.7	-25.4	214.6	26.4	15.0	21.7	322.1	325.0	0.9	14.2	17.2	21.
17.3	57.4	5372.6	525.0	-4.9	-28.2	210.4	26.9	13.6	23.2	322.6	325.0	0.7	14.0	19.4	22.
19.3	60.6	5753.3	500.0	-9.3	-27.7	210.2	28.8	14.4	24.7	321.7	324.4	0.8	20.7	21.6	23.
13.7	63.9	6147.1	475.0	-12.3	-28.7	214.6	27.7	15.7	22.8	322.7	325.3	0.7	24.0	23.9	24.
21.1	67.3	6558.1	450.0	-15.6	-25.9	219.8	27.5	17.6	21.1	323.7	327.1	1.0	40.6	26.1	25.
22.4	70.7	6986.2	425.0	-19.5	-30.2	222.3	29.1	19.6	21.5	324.8	326.5	0.7	37.7	28.3	26.
23.7	74.3	7434.1	400.0	-22.2	-34.4	222.2	28.8	18.8	20.8	326.2	328.0	0.5	31.7	30.3	27.
25.1	78.1	7905.8	375.0	-25.1	-34.7	223.9	27.1	18.8	19.5	328.4	329.8	0.3	23.9	32.9	28.
26.9	82.0	8404.3	350.0	-29.2	-41.2	999.9	99.9	99.9	99.9	329.4	330.5	0.3	29.8	35.4	33.
27.5	86.0	8928.7	325.0	-33.3	-44.7	999.9	99.9	99.9	99.9	330.8	331.6	0.2	30.2	999.9	999.
9.9	99.9	9.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
9.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
9.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
9.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 25
CHILDRESS, TX

10 MAY 1979
202 GMT

121 102. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.1	596.0	929.8	25.7	18.6	150.0	11.3	-5.7	9.8	305.1	345.0	14.7	65.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	13.5	641.8	925.0	25.6	18.9	149.7	15.6	-7.8	13.4	305.4	346.2	15.0	66.6	0.4	345.
0.8	15.9	883.1	900.0	24.5	19.6	150.8	20.6	-10.0	18.0	306.7	350.7	16.2	74.3	1.2	329.
1.6	18.3	1124.8	875.0	21.8	18.5	156.8	22.0	-8.6	20.2	306.4	348.6	15.5	81.6	2.2	331.
2.5	21.7	1381.9	850.0	20.9	18.2	168.7	23.0	-4.5	22.5	308.0	350.9	15.7	84.5	3.4	335.
3.4	23.2	1641.4	825.0	21.3	14.6	180.8	24.1	0.3	24.1	311.1	346.9	12.8	65.8	4.6	341.
4.2	25.5	1898.2	800.0	20.1	12.4	190.2	23.5	4.2	23.2	312.6	344.8	11.4	61.3	5.7	345.
5.2	24.2	2151.5	775.0	18.5	8.7	204.3	20.7	8.5	18.9	313.7	340.0	9.2	52.9	6.8	351.
6.1	31.8	2402.7	750.0	16.7	5.8	211.1	20.4	10.6	17.5	314.7	337.3	7.8	49.7	7.7	356.
7.1	33.3	2750.7	725.0	14.5	4.3	216.7	21.0	12.5	16.8	315.4	336.5	7.2	50.4	8.7	1.
8.1	36.0	3045.2	700.0	11.9	2.9	222.8	20.8	14.2	15.3	315.7	335.6	6.8	53.9	9.8	6.
9.2	39.7	3346.7	675.0	9.8	0.1	228.8	20.7	15.6	13.7	316.2	333.2	5.7	52.3	10.8	10.
10.4	41.4	3661.4	650.0	6.9	-4.6	227.1	21.0	15.8	14.7	316.7	329.3	4.4	45.5	12.0	15.
11.7	44.2	3981.4	625.0	5.6	-13.5	216.8	24.3	14.6	19.5	320.0	326.9	2.2	22.1	13.7	18.
13.1	47.1	4316.3	600.0	3.9	-16.4	213.6	23.3	12.9	19.4	320.6	325.3	1.8	21.0	15.5	21.
14.5	51.3	4660.7	575.0	1.8	-18.0	208.5	24.7	11.8	21.7	322.1	327.3	1.6	21.3	17.8	22.
15.8	52.9	5017.1	550.0	-1.5	-19.5	207.0	26.4	12.0	23.5	322.4	327.2	1.5	23.6	19.5	22.
16.9	56.0	5385.3	525.0	-4.7	-22.0	209.7	25.6	12.7	22.2	322.8	327.0	1.2	24.3	21.3	23.
17.9	57.1	5766.9	500.0	-8.3	-24.3	212.3	25.2	13.5	21.3	323.0	326.6	1.1	26.0	22.9	23.
19.1	62.3	6162.2	475.0	-11.8	-27.3	214.6	22.4	12.7	18.5	323.4	326.3	0.9	25.2	24.5	24.
20.5	65.6	6573.2	450.0	-15.8	-27.5	217.1	21.5	12.9	17.1	323.4	326.4	0.9	35.7	26.2	25.
22.3	67.3	7001	425.0	-19.0	-33.3	218.0	24.5	15.1	19.3	324.6	327.1	0.7	36.1	28.6	26.
23.9	72.4	745	400.0	-21.9	-35.2	219.1	24.7	15.5	19.1	326.6	329.3	0.5	28.5	32.4	27.
27.2	76.9	792 .5	375.0	-24.4	-38.9	219.3	26.5	16.8	20.5	329.3	330.6	0.3	24.4	35.8	29.
29.3	74.7	8421.5	350.0	-28.5	-42.3	221.6	27.7	18.4	20.7	330.4	331.3	0.3	25.0	38.6	29.
30.7	81.7	8887.6	325.0	-33.1	-46.4	223.3	25.4	17.4	18.5	331.0	331.7	0.2	24.9	41.4	30.
33.0	87.7	9305.3	300.0	-37.6	-50.0	222.3	26.0	17.5	19.3	332.4	332.9	0.1	25.5	44.8	31.
34.9	92.0	10397.5	275.0	-41.7	99.9	224.6	26.8	18.8	19.1	334.9	999.9	99.9	999.9	50.7	33.
40.1	96.6	10739.0	250.0	-47.1	99.9	225.9	27.7*	20.2	18.9	336.1	999.9	99.9	999.9	55.9	34.
42.6	101.4	11427.7	225.0	-53.3	99.9	231.0	30.2*	23.5	19.0	336.8	999.9	99.9	999.9	59.9	35.
46.3	106.6	12175.7	200.0	-58.8	99.9	234.6	36.1*	29.4	20.9	339.[illegible]	999.9	99.9	999.9	66.4	37.
48.6	112.4	13009.5	175.0	-62.8	99.9	235.9	31.7*	26.3	17.8	345.[illegible]	999.9	99.9	999.9	71.7	38.
51.4	118.5	13965.6	150.0	-61.1	99.9	230.1	21.8**	16.7	14.0	3[illegible].8	999.9	99.9	999.9	75.6	39.
55.6	125.7	15088.9	125.0	-63.6	99.9	999.9	99.9*	99.9	99.9	179.9	999.9	99.9	999.9	80.7	40.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	9[illegible].9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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STATION NO. 25
CHILDRESS, TEXAS

10 MAY 1979
556 GMT

116 122. 0

TIME MIN	CNTCT	HEIGHT KM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	13.3	596.3	933.5	20.0	15.2	270.0	9.3	9.3	0.0	299.0	330.3	11.8	74.0	0.0	0.
99.9	99.9	99.9	1033.0	39.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.3	13.8	674.3	925.0	17.9	14.9	296.6	13.1	11.7	-5.9	297.7	329.5	11.6	82.6	0.2	95.
1.2	16.2	809.3	900.0	17.6	13.1	278.4	12.8	12.6	-1.9	299.7	328.1	10.8	74.6	0.7	117.
2.0	18.5	1157.1	875.0	19.5	14.6	269.5	14.3	13.4	5.0	304.0	336.9	12.1	73.6	1.3	100.
2.9	21.1	1402.0	850.0	18.5	15.9	238.9	18.0	15.4	9.3	305.5	342.3	13.5	84.9	2.1	85.
3.8	23.5	1656.7	825.0	17.1	15.2	232.9	19.3	15.4	11.7	306.6	343.1	13.3	89.0	3.0	76.
4.8	26.0	1421.4	800.0	15.4	14.1	229.6	20.7	15.7	13.4	307.6	342.8	12.8	91.6	4.1	68.
5.7	28.5	2181.1	775.0	13.7	11.5	230.7	21.9	16.9	13.9	308.5	339.3	11.1	86.5	5.2	64.
6.6	31.2	2467.5	750.0	12.2	10.0	232.1	22.6	17.9	13.9	309.8	339.0	10.4	86.5	6.3	62.
7.4	33.9	2751.4	725.0	11.0	5.5	230.3	21.2	16.3	13.5	311.6	334.2	7.9	68.9	7.5	60.
8.3	36.5	3044.9	700.0	9.9	2.8	229.5	20.8	15.9	13.5	313.5	333.1	6.7	61.4	8.5	59.
9.2	39.2	3346.6	675.0	7.7	3.2	231.1	21.5	16.7	13.5	314.3	335.1	7.2	72.8	9.7	58.
10.2	42.3	3659.8	650.0	5.3	-1.1	233.8	19.1	14.8	12.1	315.0	331.1	5.5	63.5	10.9	57.
11.3	44.9	3976.7	625.0	3.4	-2.9	231.3	19.6	15.3	12.3	316.4	331.3	5.0	63.1	12.1	57.
12.5	47.7	4306.9	600.0	1.0	-5.0	235.4	21.0	17.3	11.9	317.3	330.7	4.4	64.2	13.6	56.
13.7	50.6	4644.1	575.0	-1.1	-3.8	239.2	20.6	17.7	10.5	318.7	333.9	5.0	81.7	15.2	56.
15.0	53.6	5002.2	550.0	-2.9	-7.1	242.6	21.5	19.1	9.9	320.7	333.3	4.1	72.8	16.8	57.
16.1	56.5	5369.9	525.0	-5.0	-12.4	244.1	22.2	20.0	9.7	322.4	331.4	2.8	56.7	18.2	57.
17.3	59.3	5751.2	500.3	-8.3	-17.6	245.7	22.9	20.9	9.4	323.3	329.2	1.9	47.0	19.8	58.
18.3	62.1	6147.1	475.0	-11.4	-24.6	246.8	22.6	20.8	8.9	323.8	327.5	1.1	32.6	21.2	58.
19.5	66.4	6554.3	450.0	-15.1	-27.6	244.1	23.4	21.0	10.2	324.3	327.3	0.9	33.4	22.7	59.
20.6	69.3	6989.6	425.0	-18.4	-23.5	240.7	24.1	21.0	11.8	325.4	330.0	1.4	64.1	24.4	59.
21.9	73.3	7440.2	400.0	-20.7	-33.2	242.0	23.3	20.6	11.0	329.2	330.2	0.6	31.2	26.1	59.
23.3	77.9	7918.4	375.0	-24.1	-35.0	243.1	26.8	23.9	12.1	329.7	331.5	0.5	35.7	28.2	60.
24.9	83.8	8413.8	350.0	-28.2	-39.3	242.7	27.4	24.4	12.6	330.8	332.1	0.4	36.2	30.8	60.
27.5	84.7	9061.9	325.0	-32.0	-44.6	244.4	26.5	23.9	11.4	332.6	333.4	0.2	27.2	35.1	60.
31.4	98.8	9532.6	300.0	-35.9	-47.9	252.1	27.1	25.8	8.3	334.8	335.4	0.2	27.5	41.3	61.
34.9	93.2	10398.2	275.0	-42.1	99.9	252.4	28.0	26.7	8.5	336.2	999.9	99.9	999.9	47.0	63.
37.5	97.8	11736.9	250.0	-46.6	99.9	251.5	29.5	28.0	9.4	336.5	999.9	99.9	999.9	51.2	64.
40.3	102.8	11626.3	225.0	-53.2	99.9	251.2	27.0	25.6	8.7	337.1	999.9	99.9	999.9	55.4	64.
42.2	108.0	12174.1	200.0	-63.8	99.9	250.8	32.3	30.5	10.6	336.6	999.9	99.9	999.9	59.2	65.
44.5	113.8	12392.4	175.0	-67.2	99.9	255.2	31.8	30.7	8.1	339.0	999.9	99.9	999.9	63.8	65.
47.9	120.3	13235.8	150.0	-61.7	99.9	999.9	99.9	99.9	99.9	363.9	999.9	99.9	999.9	69.7	67.
51.3	127.3	15064.0	125.0	-65.1	99.9	999.9	99.9	99.9	99.9	377.2	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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STATION NO. 25
CHILDRESS, TEXAS

10 MAY 1979
805 GMT

18 771. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.2	596.0	937.0	11.6	8.6	340.0	7.2	2.5	-6.8	290.1	309.8	7.5	82.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	13.6	703.9	925.0	10.6	8.4	10.7	14.6	-2.7	-14.3	290.2	309.8	7.5	85.0	0.1	195.
1.2	14.0	832.7	900.0	11.4	10.6	9.8	13.3	-2.3	-13.1	293.6	317.2	9.0	92.4	0.7	192.
2.3	14.5	1170.4	875.0	14.2	11.0	353.9	11.3	1.2	-11.2	298.5	324.0	9.5	81.7	1.3	189.
2.9	23.9	1415.1	850.0	15.6	6.8	999.9	99.9	99.9	99.9	302.5	322.8	7.4	56.1	1.8	182.
3.7	23.5	1673.6	825.0	13.6	7.1	999.9	99.9	99.9	99.9	305.1	326.7	7.7	55.7	999.9	999.
4.4	26.0	1930.9	800.0	13.9	5.6	999.9	99.9	99.9	99.9	305.9	326.1	7.2	57.8	999.9	999.
5.4	24.6	2193.3	775.0	13.3	5.1	999.9	99.9	99.9	99.9	308.2	328.5	7.2	57.4	999.9	999.
99.9	99.9	99.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 26
CLINTON SHERMAN, OKLAHOMA

9 MAY 1979
1122 GMT

123 100. 0

TIME MIN	CATCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	17.4	584.3	936.5	20.9	19.2	170.0	6.2	-1.1	6.1	299.8	339.9	15.2	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	13.6	672.7	925.0	19.6	18.3	181.3	17.3	0.4	17.3	299.4	337.8	14.5	92.2	0.5	358.
1.0	15.7	804.3	900.0	18.9	17.9	186.8	20.6	2.4	20.5	301.0	339.5	14.5	93.8	1.0	0.
1.7	18.1	1151.4	875.0	16.7	16.0	196.8	24.2	7.0	23.2	301.2	336.6	13.3	95.6	2.0	0.
2.5	20.6	1392.1	850.0	15.9	15.2	205.5	24.5	10.5	22.1	302.8	337.7	12.9	95.7	3.2	12.
3.3	23.1	1653.2	825.0	14.7	14.1	208.5	25.9	12.4	22.7	304.2	337.9	12.4	96.0	4.3	16.
4.1	25.6	1914.1	800.0	13.6	13.0	203.2	25.4	10.0	23.3	305.7	338.2	11.9	96.2	5.6	19.
5.1	28.1	2181.3	775.0	19.0	-33.2	198.0	25.0	7.7	23.8	313.1	314.2	0.3	1.8	7.1	19.
6.2	30.7	2462.2	750.0	17.8	-39.3	196.6	25.2	7.2	24.1	315.9	316.5	0.2	1.8	8.7	19.
7.2	33.1	2753.2	725.0	15.6	-40.4	198.3	25.0	7.0	24.0	316.6	317.1	0.2	1.8	10.2	18.
8.3	35.9	3049.4	700.0	12.2	-42.4	199.7	24.1	8.1	22.7	316.0	316.5	0.1	1.8	11.7	18.
9.3	38.7	3349.1	675.0	10.6	-43.4	201.8	22.6	8.4	21.0	317.6	318.0	0.1	1.8	13.2	18.
10.3	41.4	3651.3	650.0	7.7	-45.2	203.0	20.6	8.1	19.0	317.7	318.1	0.1	1.8	14.5	19.
11.4	44.2	3982.3	625.0	4.9	-46.9	202.2	23.8	9.0	22.0	318.0	318.3	0.1	1.8	15.9	19.
12.3	47.0	4312.9	600.0	2.0	-48.7	203.5	21.3	8.5	19.5	318.5	318.8	0.1	1.8	17.2	19.
13.5	50.0	4653.9	575.0	-1.2	-50.7	202.9	19.3	7.5	17.8	318.6	318.8	0.1	1.8	18.6	20.
14.8	53.0	5005.9	550.0	-4.5	-52.7	197.9	21.0	6.5	20.0	318.8	319.0	0.0	1.8	20.1	20.
16.0	56.0	5370.3	525.0	-7.0	-33.8	196.7	19.9	5.7	19.1	320.0	320.8	0.2	5.2	21.7	20.
17.2	59.1	5749.8	500.0	-9.8	-28.4	199.5	18.8	6.3	17.7	321.1	323.6	0.7	20.2	23.1	19.
18.6	62.4	6142.2	475.0	-13.1	-31.5	198.8	19.5	6.3	18.5	321.7	323.7	0.6	18.9	24.6	19.
20.0	65.6	6551.3	450.0	-16.8	-28.1	198.4	21.0	6.6	19.9	322.2	325.0	0.8	36.6	26.4	19.
21.5	69.0	6977.6	425.0	-19.7	[illegible]	199.7	20.9	7.0	19.7	323.8	324.1	0.1	4.9	28.2	19.
23.1	72.5	7425.6	400.0	-22.8		209.3	22.2	10.9	19.4	325.3	325.4	0.0	1.0	30.2	20.
24.9	76.2	7895.4	375.0	-26.2		221.2	23.6	15.5	17.7	326.9	327.0	0.0	1.0	32.6	21.
26.8	80.3	8392.9	350.0	-29.8	[illegible]	220.8	25.1	16.4	19.0	328.6	328.7	0.0	1.0	35.2	23.
28.9	84.0	8915.8	325.0	-33.3	-71.4	210.0	25.3	12.6	21.9	330.7	330.8	0.0	1.0	38.3	24.
31.1	84.0	9472.6	300.0	-38.2	-74.6	208.0	27.3	12.8	24.1	331.6	331.6	0.0	1.0	41.8	24.
33.3	92.4	10064.1	275.0	-44.0	99.9	212.6	28.1	15.2	23.7	331.6	999.9	99.9	999.9	45.3	24.
35.6	97.0	10695.1	250.0	-49.8	99.9	216.1	27.5	16.2	22.2	332.1	999.9	99.9	999.9	49.2	25.
38.2	102.0	11375.5	225.0	-55.4	99.9	222.2	30.6	20.5	22.8	333.6	999.9	99.9	999.9	53.4	26.
41.3	107.2	12119.6	200.0	-59.5	99.9	221.2	31.3	20.6	23.6	338.5	999.9	99.9	999.9	58.8	28.
43.8	113.3	12946.9	175.0	-64.3	99.9	220.0	34.0	21.9	26.1	343.9	999.9	99.9	999.9	63.9	28.
47.2	119.3	13895.6	150.0	-61.1	99.9	226.9	33.7	24.6	23.0	364.9	999.9	99.9	999.9	70.5	31.
51.6	126.0	15029.7	125.0	-60.4	99.9	223.1	33.2*	22.7	24.3	385.7	999.9	99.9	999.9	79.2	32.
56.6	134.3	16403.7	100.0	-65.1	99.9	999.9	99.9	99.9	99.9	402.0	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
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STATION NO. 26
CLINTON SHERMAN, OKLAHOMA

9 MAY 1979
1407 GMT

125 98. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.9	564.0	935.5	20.3	16.5	180.0	8.2	0.0	8.2	299.1	333.0	12.8	79.0	0.0	0.
99.9	99.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	13.0	641.9	925.0	20.3	17.5	170.5	18.8	-3.1	18.6	300.1	336.7	13.8	83.8	0.6	355.
1.0	15.4	918.5	900.0	19.4	17.2	175.7	18.8	-1.4	18.7	300.5	337.5	13.9	92.7	1.2	353.
1.5	17.7	1197.4	875.0	16.8	15.9	193.6	18.4	4.3	17.9	301.3	336.5	13.2	94.3	2.0	357.
2.7	23.2	1408.3	850.0	17.4	16.5	210.3	18.3	9.3	15.8	304.4	342.5	14.1	94.3	2.9	6.
3.5	22.7	1664.8	825.0	16.4	14.8	220.6	17.7	11.5	13.5	305.9	341.4	13.0	90.7	3.7	13.
4.5	25.2	1925.4	800.0	14.9	13.3	230.3	16.5	12.7	10.5	307.1	340.5	12.2	90.2	4.6	20.
5.2	27.9	2135.7	775.0	12.8	10.9	234.6	15.0	12.3	8.7	307.5	336.9	10.6	87.8	5.2	24.
6.1	30.4	2472.0	750.0	13.6	1.4	220.9	12.9	8.4	9.7	311.4	324.1	5.8	44.2	5.8	28.
7.1	33.1	2758.5	725.0	15.5	-10.5	207.9	16.0	7.5	14.1	316.5	320.2	1.1	7.4	6.8	28.
7.7	35.4	3054.7	700.0	13.8	-23.1	204.6	20.1	9.9	17.4	317.8	320.6	0.8	6.0	7.6	28.
8.7	38.5	3357.5	675.0	11.6	-20.8	206.1	21.2	9.3	19.0	318.6	320.8	0.6	5.0	8.9	28.
10.1	41.3	3672.6	650.0	8.8	-26.2	199.6	21.2	7.1	20.0	318.7	321.0	0.7	6.4	10.3	27.
11.3	44.1	3994.6	625.0	5.5	-27.7	194.5	19.3	5.0	19.3	318.8	320.9	0.6	6.9	11.8	26.
12.6	47.1	4329.1	600.0	2.4	-22.9	194.0	19.3	4.7	18.7	319.0	322.3	1.0	13.3	13.3	24.
13.9	50.3	4667.9	575.0	-0.5	-25.2	192.3	18.6	4.0	18.2	319.4	322.3	0.9	13.4	14.8	23.
15.2	53.1	5021.0	550.0	-3.8	-29.7	190.4	19.5	3.5	19.2	319.6	322.5	0.9	16.2	16.2	22.
17.4	56.1	5386.5	525.0	-5.7	-34.9	192.3	20.3	4.3	19.8	321.5	322.8	0.4	7.8	17.6	21.
17.9	59.4	5766.4	500.0	-8.6	-37.5	196.8	20.7	6.0	19.8	322.6	323.6	0.3	7.6	19.4	21.
19.2	62.6	6161.7	475.0	-12.2	-31.6	199.7	19.6	6.6	18.4	322.9	324.9	0.6	17.9	21.0	21.
20.9	65.9	6572.0	450.0	-16.0	-27.9	202.9	20.7	8.1	19.1	323.1	326.0	0.8	35.0	22.9	21.
22.6	69.3	6999.6	425.0	-19.1	-36.3	205.9	20.4	8.9	18.4	324.3	325.7	0.4	20.3	25.1	21.
23.6	72.9	7448.3	400.0	-21.6	-42.1	214.4	20.7	11.7	17.1	327.0	327.8	0.2	13.5	27.5	22.
26.6	76.6	7921.3	375.0	-24.8	-45.2	215.8	22.1	13.0	18.0	328.9	329.5	0.2	12.9	30.0	23.
28.4	80.4	8418.9	350.0	-29.2	-45.7	207.3	22.9	10.5	20.3	329.5	330.1	0.2	18.2	32.4	24.
30.2	84.4	8943.2	325.0	-34.0	-47.4	208.4	23.2	11.0	20.4	329.9	330.5	0.2	24.1	34.9	24.
32.2	88.7	9498.2	300.0	-38.4	-52.2	217.8	23.7	14.5	18.8	331.2	331.6	0.1	21.5	37.7	25.
34.3	93.2	10090.3	275.0	-43.7	99.9	222.0	25.0	16.7	18.6	332.0	999.9	99.9	999.9	40.7	26.
36.5	97.7	10723.8	250.0	-49.1	99.9	222.4	27.0	18.2	19.9	333.1	999.9	99.9	999.9	44.0	27.
39.0	102.6	11406.6	225.0	-54.8	99.9	222.3	28.0	18.9	20.7	334.6	999.9	99.9	999.9	47.8	28.
41.6	107.3	12152.1	200.0	-59.4	99.9	221.6	29.2	19.4	21.8	336.7	999.9	99.9	999.9	52.1	30.
44.6	113.9	12983.2	175.0	-63.0	99.9	221.4	33.8	22.3	25.3	345.9	999.9	99.9	999.9	57.1	30.
47.0	121.3	13932.4	150.0	-60.4	99.9	222.5	30.4	20.5	22.4	366.0	999.9	99.9	999.9	62.0	32.
51.1	127.3	15078.1	125.0	-60.1	99.9	219.3	25.9	16.4	20.1	386.2	999.9	99.9	999.9	69.2	32.
55.8	137.0	16452.4	100.0	-63.3	99.9	999.9	99.9	99.9	99.9	405.5	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 26
CLINTON SHERMAN, OKLAHOMA

9 MAY 1979
1705 GMT

124 97. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	584.0	935.8	23.4	17.6	165.0	7.7	-2.0	7.4	302.2	339.0	13.7	70.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	13.5	685.0	925.0	21.8	17.9	168.9	13.5	-2.6	13.2	301.6	339.4	14.2	78.8	0.4	352.
1.5	15.9	923.4	900.0	20.1	18.2	176.9	12.0	-0.6	12.0	302.2	341.7	14.8	88.9	1.1	351.
2.2	18.3	1166.3	875.0	17.5	16.6	190.8	12.9	2.4	12.6	302.0	338.7	13.7	94.3	1.6	355.
2.9	20.8	1414.5	850.0	16.5	15.6	202.2	13.1	4.9	12.1	303.4	339.3	13.3	94.6	2.2	1.
3.9	23.3	1668.5	825.0	14.4	13.5	217.8	11.9	7.3	9.4	303.8	336.3	11.9	94.5	2.8	7.
4.7	25.9	1928.9	800.0	13.3	12.2	229.1	10.4	7.8	6.8	305.3	336.1	11.2	92.9	3.3	14.
6.2	28.4	2196.3	775.0	11.5	5.4	212.4	8.9	4.8	7.6	306.2	328.2	7.9	71.4	3.9	20.
7.1	31.0	2471.3	750.0	14.1	-16.3	188.4	11.0	1.6	10.9	311.8	316.4	1.4	10.7	4.5	19.
8.2	33.6	2757.3	725.0	14.2	-22.8	200.8	16.3	5.8	15.3	315.1	317.8	0.8	6.0	5.3	18.
9.3	36.2	3052.2	700.0	13.2	-36.8	207.7	21.4	10.0	19.0	317.1	318.0	0.2	1.7	6.6	20.
10.4	39.0	3350.5	675.0	11.4	-42.9	205.3	23.3	10.0	21.0	318.4	318.9	0.1	1.0	8.1	21.
11.6	41.9	3669.7	650.0	8.5	-34.5	201.2	25.5	9.2	23.7	318.6	319.7	0.3	2.9	9.9	21.
12.7	44.6	3991.8	625.0	5.7	-31.2	199.6	23.2	7.8	21.9	319.0	320.5	0.4	4.9	11.5	21.
14.0	47.4	4323.4	600.0	2.5	-29.5	198.7	22.9	7.3	21.7	319.0	320.9	0.5	7.2	13.3	21.
15.3	50.3	4665.0	575.0	-1.0	-29.2	196.5	23.5	6.7	22.5	318.9	320.9	0.6	9.5	15.1	21.
16.6	53.3	5017.5	550.0	-3.6	-35.7	196.3	24.4	6.9	23.4	319.8	320.9	0.3	6.2	16.9	20.
18.3	56.4	5382.5	525.0	-7.1	-38.3	197.6	24.8	7.5	23.7	319.8	320.8	0.3	6.2	19.1	20.
19.3	59.5	5763.9	500.0	-9.7	-39.3	198.3	24.1	7.6	22.9	321.2	322.1	0.2	6.8	21.0	20.
20.8	62.8	6159.4	475.0	-12.6	-35.9	201.2	21.3	7.7	19.8	322.4	323.8	0.4	12.1	23.0	20.
22.1	66.0	6564.1	450.0	-16.3	-35.9	204.2	20.0	8.2	18.2	322.7	324.1	0.4	16.5	24.6	20.
23.7	69.4	6981.6	425.0	-19.5	-39.0	203.3	21.4	8.5	19.7	324.0	325.1	0.3	15.8	26.5	20.
25.6	73.3	7433.7	400.0	-23.1	-40.5	206.6	25.0	11.2	22.4	325.0	326.0	0.3	18.4	28.9	20.
27.5	76.7	7907.2	375.0	-25.9	-47.9	208.6	25.6	12.2	22.5	327.3	327.8	0.1	10.5	32.2	21.
33.3	80.4	8404.9	350.0	-33.0	-47.7	208.0	26.1	12.3	23.1	328.4	328.9	0.1	15.7	36.0	22.
32.7	84.3	8929.4	325.0	-33.3	-50.9	212.3	26.1	14.0	22.1	330.8	331.2	0.1	15.1	40.2	23.
35.3	88.5	9486.6	300.0	-37.8	-54.4	216.7	28.9	17.3	23.2	332.1	332.4	0.1	15.5	44.1	24.
37.8	92.8	10079.3	275.0	-43.2	99.9	219.4	29.4	18.7	22.7	332.7	999.9	99.9	999.9	48.6	25.
40.3	97.2	10714.0	250.0	-48.4	99.9	220.8	25.5	16.6	19.3	334.2	999.9	99.9	999.9	52.6	26.
43.2	102.2	11397.8	225.0	-54.7	99.9	220.6	27.6	18.0	21.0	334.7	999.9	99.9	999.9	56.9	27.
46.3	107.4	12141.6	200.0	-59.7	99.9	230.5	30.7	23.7	19.5	338.2	999.9	99.9	999.9	62.3	29.
49.7	113.0	12970.4	175.0	-62.2	99.9	229.3	34.8*	26.4	22.7	347.3	999.9	99.9	999.9	68.4	31.
53.6	119.3	13933.1	150.0	-59.7	99.9	216.5	28.6*	17.0	23.0	367.3	999.9	99.9	999.9	75.4	32.
58.6	126.3	15373.6	125.0	-60.6	99.9	216.6	27.8*	16.6	22.3	385.3	999.9	99.9	999.9	84.8	33.
64.8	134.0	16481.9	100.0	-61.1	99.9	999.9	99.9	99.9	99.9	409.7	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 26
CLINTON SHERMAN, OKLAHOMA

9 MAY 1979
2005 GMT

125 99. 8

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.0	584.0	935.0	27.2	19.5	170.0	7.7	-1.3	7.6	306.2	348.3	15.5	63.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	14.0	679.0	925.0	24.3	17.6	158.6	12.7	-4.6	11.9	304.2	341.6	13.9	66.1	0.5	344.
1.0	16.4	919.2	900.0	22.7	17.3	157.3	12.0	-4.6	11.1	304.9	342.8	14.8	71.5	0.8	341.
1.8	18.9	1164.1	875.0	20.0	16.5	158.1	12.4	-4.6	11.5	304.5	341.6	13.7	80.6	1.4	339.
2.5	21.4	1414.4	850.0	18.4	16.6	167.0	11.8	-2.7	11.5	305.5	343.8	14.1	88.9	1.9	340.
3.4	24.0	1673.2	825.0	16.3	13.8	176.5	11.1	-0.7	11.1	305.8	339.1	12.2	85.2	2.5	343.
4.2	26.6	1932.0	800.0	14.1	12.8	188.2	11.1	1.6	11.0	306.2	338.4	11.8	92.2	3.0	346.
5.0	29.2	2199.7	775.0	11.7	9.6	199.2	11.4	3.9	10.8	306.4	333.5	9.8	87.1	3.5	350.
6.0	31.9	2474.1	750.0	11.5	4.4	190.2	12.2	2.2	12.0	309.1	329.1	7.0	61.5	4.1	355.
6.9	34.6	2758.7	725.0	13.5	-8.6	192.3	18.1	3.9	17.7	314.3	322.8	2.8	20.7	4.9	357.
8.1	37.3	3054.0	700.0	13.6	-17.2	199.0	24.2	7.9	22.9	317.6	322.2	1.4	10.2	6.4	2.
9.2	39.9	3358.6	675.0	11.5	-19.9	198.5	24.9	7.9	23.6	318.8	322.4	1.2	9.2	7.9	5.
10.2	42.8	3671.9	650.0	8.4	-21.3	197.8	26.1	8.0	24.8	319.5	322.9	1.1	10.1	9.4	7.
11.1	45.6	3994.0	625.0	5.3	-22.8	197.8	25.8	7.9	24.6	318.5	321.7	1.0	10.9	10.9	9.
12.2	48.5	4325.5	600.0	2.8	-24.2	199.5	24.6	8.1	23.0	319.1	322.1	0.9	11.7	12.5	10.
13.3	51.5	4667.4	575.0	-0.4	-26.8	205.0	24.3	10.3	22.0	319.5	322.0	0.7	11.5	14.1	11.
14.5	54.6	5020.6	550.0	-3.4	-27.9	203.7	24.3	9.8	22.3	320.1	322.5	0.7	12.9	15.7	13.
15.5	57.8	5386.2	525.0	-6.7	-30.4	198.7	25.1	8.0	23.8	320.3	322.3	0.6	13.2	17.2	14.
16.6	60.9	5764.4	500.0	-10.4	-33.1	196.5	23.1	6.6	22.1	320.4	322.0	0.5	13.4	18.9	14.
17.9	64.1	6157.5	475.0	-12.1	-35.2	196.8	25.5	7.4	24.4	323.0	324.4	0.4	12.5	20.6	14.
19.1	67.6	6568.4	450.0	-15.3	-37.9	204.6	25.7	10.7	23.4	324.0	325.2	0.3	12.4	22.5	15.
20.4	71.0	6997.4	425.0	-18.2	-42.8	209.8	26.5	13.1	23.0	325.7	326.4	0.2	9.4	24.4	16.
21.7	74.6	7447.9	400.0	-21.4	-43.1	210.9	28.1	14.4	24.1	327.2	328.0	0.2	11.9	26.6	17.
23.1	78.3	7920.0	375.0	-25.2	-44.5	214.8	27.9	15.9	22.9	328.3	329.0	0.2	14.4	28.8	18.
24.7	82.2	8416.9	350.0	-29.6	-46.3	217.2	29.8	18.0	23.7	328.9	329.5	0.2	17.8	31.4	20.
26.5	86.2	8940.8	325.0	-33.6	-49.5	216.4	28.5	16.9	22.9	330.3	330.8	0.1	18.2	34.4	21.
28.3	90.3	9497.0	300.0	-38.5	-53.7	218.5	28.2	17.6	22.1	331.2	331.5	0.1	18.0	37.5	22.
30.3	94.8	10089.6	275.0	-42.9	99.9	221.0	29.1	19.1	21.9	333.0	999.9	99.9	999.9	40.7	24.
32.5	99.4	10725.7	250.0	-48.0	99.9	225.0	30.3	21.4	21.5	334.8	999.9	99.9	999.9	44.3	26.
34.6	104.4	11410.7	225.0	-54.3	99.9	230.8	31.3	24.2	19.7	335.3	999.9	99.9	999.9	48.1	27.
36.7	109.6	12156.6	200.0	-59.2	99.9	239.3	28.9	24.9	14.7	339.1	999.9	99.9	999.9	51.6	29.
39.2	115.5	12981.6	175.0	-65.4	99.9	234.5	29.7	24.2	17.3	342.0	999.9	99.9	999.9	55.2	32.
41.9	121.8	13940.6	150.0	-60.0	99.9	217.7	33.5	20.4	26.5	366.7	999.9	99.9	999.9	59.9	32.
45.4	128.9	15074.7	125.0	-61.2	99.9	999.9	99.9	99.9	99.9	384.2	999.9	99.9	999.9	66.9	33.
49.5	136.7	16465.8	100.0	-61.6	99.9	999.9	99.9	99.9	99.9	408.7	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 26
CLINTON SHERMAN, OKLAHOMA

9 MAY 1979
2318 GMT

126 93. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.7	584.0	932.0	26.6	17.9	160.0	7.7	-2.6	7.2	305.9	344.1	14.0	59.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	13.5	650.6	925.0	24.6	16.7	150.8	16.8	-9.2	16.4	304.5	344.7	14.9	69.9	0.5	333.
0.3	15.9	890.7	900.0	22.4	18.5	153.2	20.2	-9.1	18.0	304.6	345.4	15.1	78.6	0.9	332.
1.6	18.1	1135.8	875.0	19.9	18.3	160.4	21.2	-7.1	19.9	304.4	345.9	15.4	90.9	1.9	334.
2.5	20.9	1386.0	850.0	18.1	17.1	168.9	20.5	-3.9	20.2	305.1	344.7	14.6	93.7	3.0	338.
3.4	23.3	1642.2	825.0	17.1	14.5	178.0	19.3	-0.7	19.3	306.6	341.6	12.8	85.2	4.1	342.
4.4	25.9	1905.1	800.0	16.0	13.9	191.2	18.8	3.6	18.4	308.2	343.0	12.6	87.5	5.1	347.
5.4	28.3	2175.1	775.0	15.2	7.2	201.2	21.2	7.7	19.8	310.1	333.8	8.3	59.4	6.1	352.
6.3	31.9	2453.4	750.0	16.6	-18.4	200.8	23.9	8.5	22.3	314.6	318.4	1.2	7.6	7.2	357.
7.1	33.6	2742.0	725.0	16.4	-19.4	197.9	25.5	7.8	24.2	317.4	321.1	1.1	7.0	8.3	0.
8.3	36.3	3038.4	700.0	13.8	-20.9	199.8	25.8	8.7	24.3	317.7	321.1	1.0	7.3	9.7	3.
9.2	39.0	3342.9	675.0	11.1	-21.7	201.3	26.0	9.4	24.2	318.1	321.4	1.0	8.1	11.1	5.
10.1	41.9	3656.0	650.0	8.5	-20.6	200.4	27.3	9.5	25.6	318.5	322.3	1.1	10.6	12.9	7.
11.2	44.7	3978.3	625.0	5.9	-25.5	201.3	28.6	10.4	26.6	319.2	321.8	0.8	8.3	14.6	9.
12.3	47.5	4310.2	600.0	2.9	-27.6	202.9	27.4	10.7	25.3	319.5	321.7	0.7	8.4	16.5	10.
13.4	50.5	4652.6	575.0	0.1	-29.4	204.7	27.5	11.5	25.0	320.1	322.1	0.6	8.7	18.3	12.
14.6	53.5	5006.6	550.0	-3.0	-31.4	206.9	28.9	11.3	26.4	320.6	322.3	0.5	9.0	20.1	13.
15.7	56.6	5373.1	525.0	-5.8	-33.2	207.7	29.8	12.0	27.3	321.5	323.1	0.4	9.2	22.0	14.
16.9	59.7	5753.0	500.0	-8.9	-35.0	208.4	31.0	13.8	27.8	322.2	323.6	0.4	9.9	23.9	15.
18.2	63.0	6147.7	475.0	-12.0	-27.5	211.9	28.3	15.0	24.8	323.1	326.0	0.8	26.2	26.0	16.
19.3	66.3	6559.3	450.0	-14.9	-30.2	213.1	28.4	15.5	23.8	324.5	326.9	0.7	25.9	28.1	17.
20.6	69.6	6988.5	425.0	-19.0	-29.5	216.2	28.3	16.7	22.8	326.6	327.3	0.8	38.7	30.4	19.
22.3	73.1	7436.9	400.0	-22.2	-33.6	221.6	28.3	18.8	21.2	326.2	326.1	0.6	34.4	32.9	20.
24.2	76.9	7906.9	375.0	-26.7	-40.3	226.1	30.4	21.2	21.8	328.9	330.0	0.3	21.9	36.0	22.
26.1	80.7	8407.3	350.0	-28.8	-45.6	224.1	32.8	22.8	23.6	330.2	330.9	0.2	17.5	39.3	24.
27.4	84.5	8933.7	325.0	-32.6	-48.9	224.2	30.9	21.5	22.2	331.7	332.2	0.1	17.8	42.7	26.
30.1	88.7	9492.2	300.0	-37.2	-51.6	220.6	33.9	22.0	25.7	333.0	333.4	0.1	20.4	46.7	27.
32.7	93.0	10087.2	275.0	-42.0	99.9	225.1	28.8	20.4	20.3	334.4	999.9	99.9	999.9	51.6	29.
35.5	97.6	10726.2	250.0	-46.5	99.9	226.0	29.2*	21.0	20.3	337.0	999.9	99.9	999.9	56.8	30.
38.1	102.6	11416.8	225.0	-52.5	99.9	230.4	29.2*	22.5	18.6	338.1	999.9	99.9	999.9	60.4	31.
41.2	107.8	12168.5	200.0	-57.7	99.9	245.1	29.1*	26.4	12.3	341.3	999.9	99.9	999.9	65.6	33.
43.3	113.8	13006.8	175.0	-61.3	99.9	266.3	29.5*	29.4	1.9	348.8	999.9	99.9	999.9	68.2	36.
45.9	120.8	13956.9	150.0	-63.5	99.9	237.9	26.9	22.8	14.3	360.8	999.9	99.9	999.9	71.3	38.
50.8	127.8	15075.0	125.0	-63.1	99.9	226.6	30.6**	21.5	21.8	380.8	999.9	99.9	999.9	79.3	39.
56.5	136.7	16440.8	100.0	-64.2	99.9	999.9	99.9*	99.9	99.9	403.7	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 26
CLINTON SHERMAN, OKLAMONA

10 MAY 1979
212 GMT

124 101. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.0	584.0	932.9	23.2	20.0	160.0	7.7	-2.6	7.2	302.3	344.9	16.0	82.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	17.0	656.6	925.0	22.5	20.1	145.9	13.2	-7.4	10.9	302.4	345.6	16.2	85.9	0.7	335.
1.0	16.0	897.1	900.0	21.0	19.6	151.2	17.7	-8.5	15.5	303.2	346.4	16.2	91.6	1.1	332.
1.9	18.4	1141.0	875.0	18.4	17.7	159.3	23.9	-8.6	22.4	302.9	342.4	14.7	95.6	2.2	334.
2.9	20.9	1390.2	850.0	17.8	17.1	167.6	25.4	-5.4	24.8	304.8	344.2	14.6	95.5	3.6	337.
3.9	23.4	1646.2	825.0	16.9	15.5	178.1	23.1	-0.8	23.1	306.5	343.6	13.6	91.4	5.0	342.
4.7	25.9	1909.2	800.0	16.9	11.8	194.5	20.4	5.1	19.7	309.2	339.7	11.0	72.8	6.1	346.
5.5	28.5	2181.0	775.0	17.7	6.1	203.5	19.6	7.8	18.0	312.9	334.9	7.7	48.5	7.0	351.
6.4	31.1	2463.9	750.0	15.9	4.8	210.8	20.7	10.6	17.7	313.9	334.9	7.2	47.6	7.8	355.
7.3	33.8	2749.8	725.0	15.4	-1.2	213.8	22.3	12.4	18.5	316.4	330.9	4.9	32.0	8.8	0.
8.3	36.6	3045.0	700.0	13.5	-11.1	209.2	24.1	11.8	21.0	317.4	324.8	2.4	17.1	9.9	4.
9.2	39.2	3349.5	675.0	11.4	-16.7	205.7	25.5	11.1	23.0	318.4	323.4	1.5	12.3	11.3	7.
10.3	42.0	3662.7	650.0	8.6	-18.7	204.5	27.3	11.3	24.8	318.7	323.1	1.3	12.4	12.9	9.
11.3	44.9	3985.0	625.0	5.6	-20.8	206.1	26.7	11.8	24.0	318.8	322.7	1.2	12.8	14.6	11.
12.6	47.7	4316.9	600.0	3.3	-21.4	207.3	27.6	12.7	24.5	319.9	323.7	1.1	14.3	16.5	13.
13.8	50.7	4660.0	575.0	0.3	-23.3	206.6	28.0	12.5	25.0	320.4	323.8	1.0	14.9	18.4	15.
15.0	53.7	5014.2	550.0	-2.8	-25.9	207.5	27.9	12.9	24.7	320.8	323.6	0.8	14.8	20.4	16.
16.3	56.8	5380.9	525.0	-5.8	-28.8	207.5	31.0	14.3	27.5	321.5	323.8	0.7	14.1	22.7	17.
17.5	59.9	5760.8	500.0	-9.0	-31.2	209.6	31.0	15.3	27.0	322.1	324.0	0.6	14.5	24.9	18.
18.9	63.1	6155.6	475.0	-12.8	-26.8	215.2	30.4	17.5	24.8	323.1	326.2	0.9	28.8	27.2	19.
20.8	66.4	6567.2	450.0	-15.0	-25.9	218.0	33.8	20.8	26.6	324.4	327.8	1.0	38.6	29.4	21.
21.2	69.9	6997.0	425.0	-17.6	-30.9	221.7	30.3	20.2	22.6	326.4	328.8	0.7	30.0	31.7	22.
22.6	73.3	7449.0	400.0	-20.4	-35.2	222.7	29.0	19.7	21.3	328.5	330.2	0.5	26.9	33.9	23.
23.3	77.0	7923.7	375.0	-23.6	-39.1	222.0	30.0	20.1	22.3	330.7	331.9	0.3	21.8	36.1	25.
25.5	80.8	8424.3	350.0	-27.8	-43.1	221.3	27.7	18.2	20.8	331.3	332.2	0.2	21.3	38.6	26.
27.3	84.7	8952.5	325.0	-31.9	-46.4	219.6	30.8	19.5	23.6	332.7	333.4	0.2	22.0	41.7	27.
29.4	89.0	9513.5	300.0	-35.8	-49.7	224.5	31.8	22.3	22.7	334.9	335.4	0.1	22.2	45.5	28.
32.9	93.3	10112.6	275.0	-40.6	99.9	228.9	29.7	22.4	19.5	336.5	999.9	99.9	999.9	50.1	30.
33.9	98.0	10750.6	250.0	-45.3	99.9	233.7	28.6	23.1	16.9	338.8	999.9	99.9	999.9	53.2	31.
35.7	102.8	11430.8	225.0	-50.5	99.9	246.4	24.3	22.2	9.7	341.1	999.9	99.9	999.9	55.9	33.
37.5	108.2	12207.8	200.0	-56.2	99.9	259.9	24.2	23.8	4.2	343.7	999.9	99.9	999.9	57.7	34.
39.4	114.0	13043.2	175.0	-62.9	99.9	272.0	27.3	27.3	-0.9	346.1	999.9	99.9	999.9	59.7	36.
41.5	120.3	13979.4	150.0	-67.0	99.9	280.7	26.0	25.7	4.2	354.6	999.9	99.9	999.9	61.4	39.
44.6	127.3	15080.6	125.0	-67.7	99.9	999.9	99.9	99.9	99.9	372.5	999.9	99.9	999.9	65.4	48.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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STATION NO. 26
CLINTON SHERMAN, OKLAHOMA

10 MAY 1979
853 GMT

92 218. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	82.0	596.0	938.1	10.7	9.1	330.0	10.3	5.2	-8.9	289.1	309.4	7.8	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	13.3	701.1	925.0	8.6	7.6	335.5	15.3	6.3	-13.9	288.1	306.8	7.1	93.3	0.5	156.
1.1	15.8	927.9	900.0	9.8	9.0	331.1	9.3	4.5	-8.1	291.8	312.9	8.1	94.6	1.0	157.
1.7	14.0	1165.6	875.0	15.2	14.6	230.3	3.7	2.9	2.4	299.6	331.7	12.1	96.5	1.1	156.
2.4	20.4	1412.7	850.0	15.5	15.0	183.6	9.8	0.6	9.8	302.4	336.7	12.8	97.8	0.9	146.
3.3	22.9	1666.6	825.0	14.8	14.4	190.5	13.1	2.4	12.9	304.2	338.5	12.6	97.4	0.6	102.
4.2	25.4	1927.3	800.0	13.4	13.0	199.1	15.6	5.1	14.7	305.5	338.1	11.9	97.2	0.9	55.
4.7	27.9	2195.2	775.0	12.5	12.0	206.6	18.6	8.4	16.7	307.3	339.0	11.5	97.1	1.5	41.
5.4	30.4	2470.4	750.0	10.2	9.7	210.5	21.5	10.9	18.5	307.6	335.9	10.2	96.8	2.4	37.
6.3	33.0	2752.6	725.0	8.8	7.9	211.8	24.5	12.9	20.8	309.1	335.3	9.3	96.6	3.6	35.
7.2	35.7	3042.8	700.0	6.7	6.1	211.0	26.9	15.1	22.3	309.9	334.0	8.5	96.2	4.9	34.
8.4	38.3	3341.1	675.0	4.9	-2.7	214.3	31.2	17.6	25.8	311.1	327.0	5.5	69.0	7.1	34.
9.3	41.1	3649.6	650.0	5.7	-20.7	211.4	35.4	18.4	30.2	315.4	319.1	1.1	12.8	8.9	34.
10.4	43.9	3969.2	625.0	3.8	-16.9	207.7	36.9	17.2	32.7	316.8	322.0	1.6	20.4	11.3	33.
11.8	46.7	4299.2	600.0	1.2	-12.5	204.2	37.9	15.5	34.5	317.6	325.1	2.4	34.6	13.9	32.
12.7	49.6	4643.3	575.0	-1.0	-17.3	204.6	33.8	14.0	30.6	318.9	324.4	1.7	27.6	16.4	30.
14.0	52.6	4993.3	550.0	-3.6	-27.0	207.5	29.5	13.6	26.2	319.9	322.4	0.8	14.2	18.7	30.
15.1	55.6	5359.2	525.0	-6.1	-29.6	206.8	32.0	14.4	28.6	321.1	323.2	0.6	13.5	20.8	30.
16.5	58.5	5738.7	500.0	-9.2	-19.1	203.1	35.1	13.8	32.3	321.8	327.3	1.7	44.6	23.4	29.
17.9	62.0	6133.9	475.0	-10.9	-23.7	199.5	34.0	11.4	32.1	324.5	328.5	1.2	33.8	26.5	28.
19.5	65.3	6547.6	450.0	-13.4	-23.6	202.2	32.9	12.5	30.4	326.4	330.7	1.3	42.3	29.6	27.
20.9	66.7	6979.5	425.0	-17.3	-23.1	204.9	30.8	13.0	27.9	326.8	331.6	1.4	60.4	32.3	27.
22.5	72.3	7431.4	400.0	-20.7	-26.1	205.6	29.4	12.7	26.5	328.1	332.0	1.1	61.6	35.1	27.
24.2	75.9	7905.7	375.0	-24.0	-30.3	206.9	29.7	13.4	26.5	329.8	332.7	0.8	55.6	38.2	27.
26.0	79.7	8405.1	350.0	-28.1	-34.2	212.6	28.2	15.2	23.8	330.9	333.0	0.6	55.3	41.3	27.
28.4	83.7	8932.6	325.0	-32.4	-39.1	212.0	31.3*	16.6	26.5	332.0	333.4	0.4	50.9	45.3	28.
30.7	87.7	9492.1	300.0	-36.7	-44.8	208.5	27.3*	12.2	24.5	333.7	334.5	0.2	42.3	49.7	28.
33.1	92.0	10088.5	275.0	-41.4	99.9	203.0	28.0*	10.9	25.7	335.2	999.9	99.9	999.9	53.5	27.
35.4	96.9	10726.9	250.0	-47.6	99.9	999.9	99.9**	99.9	99.9	335.3	999.9	99.9	999.9	57.5	27.
37.8	101.6	11413.4	225.0	-53.9	99.9	999.9	99.9	99.9	99.9	335.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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STATION NO. 26
CLINTON SHERMAN, OKLAHOMA

10 MAY 1979
1105 GMT

22 736. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.4	596.0	939.1	8.9	7.8	335.0	7.7	3.3	-7.0	297.2	305.6	7.1	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	13.7	739.1	925.0	7.1	6.6	341.7	11.6	3.6	-11.0	286.6	303.8	8.6	95.2	2.4	161.
1.3	14.2	917.4	900.0	11.4	10.9	339.5	13.1	4.6	-12.3	293.3	317.4	9.2	96.6	1.0	162.
2.1	15.7	1175.2	875.0	14.6	12.4	316.8	7.8	5.4	-5.7	299.0	326.9	10.4	86.3	1.5	159.
3.3	21.2	1421.9	850.0	16.9	8.9	286.9	4.8	4.6	-1.4	302.9	326.3	8.5	62.9	1.7	153.
3.4	23.4	1675.6	825.0	14.8	6.2	288.9	5.2	4.9	-1.7	304.2	324.4	7.2	55.3	1.9	149.
4.3	26.3	1935.6	800.0	12.8	4.8	999.9	99.9	99.9	99.9	304.9	323.8	6.8	57.9	999.9	999.
5.1	29.9	2201.4	775.0	11.5	3.9	999.9	99.9	99.9	99.9	306.2	324.8	6.6	58.6	999.9	999.
6.0	31.4	2475.7	750.0	10.1	2.8	999.9	99.9	99.9	99.9	307.5	325.4	6.3	60.3	999.9	999.
99.9	99.9	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* RY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* RY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 27
ELMORE CITY, OKLAHOMA

9 MAY 1979
1109 GMT

126 99. 0

TEMP MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.3	320.0	966.7	20.8	16.8	170.0	6.2	-1.1	6.1	296.8	329.9	12.6	78.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	11.9	471.4	950.0	20.7	18.0	183.6	11.8	-3.3	11.3	298.2	334.7	13.9	84.7	0.3	347.
1.2	14.2	702.3	925.0	18.5	17.4	165.9	12.8	-3.1	12.4	298.3	334.3	13.7	93.1	0.8	345.
1.9	16.5	937.1	900.0	16.5	15.7	169.4	15.3	-2.8	15.1	298.5	331.9	12.6	96.9	1.3	348.
2.6	18.9	1177.1	875.0	15.3	14.5	168.7	17.5	-3.4	17.2	299.6	331.6	12.0	95.2	2.8	347.
3.3	21.3	1423.2	850.0	13.9	13.1	172.9	19.8	-2.5	19.7	300.7	331.0	11.3	95.2	2.8	348.
4.1	23.9	1674.5	825.0	10.9	-32.4	196.1	23.4	2.5	23.2	300.1	306.2	2.2	19.9	3.9	351.
5.0	26.3	1930.8	800.0	17.5	-39.2	193.5	24.4	5.7	23.7	309.8	310.4	0.2	1.0	5.2	356.
5.9	28.8	2205.3	775.0	18.8	-38.4	194.1	23.8	5.7	22.9	314.1	314.7	0.2	1.0	8.4	360.
6.8	31.3	2485.7	750.0	17.8	-39.1	195.1	22.8	5.9	22.0	315.9	316.5	0.2	1.0	7.6	2.
7.7	34.0	2771.2	725.0	15.2	-40.6	194.6	21.1	5.3	20.4	316.2	316.7	0.1	1.0	8.8	4.
8.8	36.8	3068.5	700.0	12.6	-38.9	189.5	19.9	3.3	19.7	316.4	317.1	0.2	1.4	9.8	5.
9.4	39.3	3371.4	675.0	10.5	-38.8	185.9	20.8	2.1	20.7	317.4	318.1	0.2	1.8	10.8	5.
10.3	42.0	3683.9	650.0	7.9	-39.0	189.9	17.3	3.0	17.1	317.9	318.6	0.2	1.9	11.9	5.
11.4	44.8	4005.5	625.0	5.3	-27.1	194.2	15.4	3.8	14.9	318.5	320.8	0.7	7.6	13.0	6.
12.6	47.6	4336.7	600.0	2.0	-23.8	194.8	15.7	3.8	15.2	318.5	321.6	0.9	12.7	14.0	7.
13.8	50.5	4678.2	575.0	-0.8	-31.1	198.3	15.8	2.8	15.5	319.1	320.8	0.5	7.9	15.1	7.
15.3	53.5	5031.0	550.0	-4.0	-34.2	188.9	17.9	2.8	17.6	319.4	320.7	0.4	7.3	16.4	7.
16.3	56.5	5395.7	525.0	-7.1	-37.3	198.5	18.8	2.9	18.6	320.0	321.0	0.3	6.8	17.7	7.
17.4	59.6	5774.6	500.0	-8.9	-55.6	196.5	11.7	3.3	11.2	322.2	322.4	0.0	1.0	18.6	7.
18.7	62.9	6169.1	475.0	-12.3	-57.7	205.3	9.7	4.1	8.8	322.7	322.8	0.0	1.0	19.4	8.
19.9	66.1	6579.3	450.0	-15.8	-57.5	213.8	10.7	5.8	8.9	323.4	323.5	0.0	1.4	20.1	9.
21.3	69.5	7007.3	425.0	-19.2	-57.9	219.4	9.9	6.3	7.6	324.4	324.6	0.0	1.7	20.8	10.
22.5	73.0	7454.6	400.0	-23.1	-58.9	220.7	9.4	6.1	7.1	325.0	325.1	0.0	2.2	21.5	11.
24.1	76.7	7923.6	375.0	-26.8	-60.2	222.8	10.7	7.2	7.9	326.1	326.2	0.0	2.6	22.2	12.
25.9	80.4	8418.5	350.0	-30.3	-61.6	223.9	12.7	8.8	9.2	327.9	328.0	0.0	2.9	23.2	14.
27.9	84.3	8942.2	325.0	-33.5	-63.1	221.8	14.8	9.2	10.6	330.4	330.7	0.0	3.3	24.8	16.
30.1	88.5	9498.4	300.0	-38.5	-65.7	225.5	15.2	10.9	10.7	331.1	331.2	0.0	3.8	26.4	17.
32.2	92.9	10089.9	275.0	-43.5	99.9	233.4	14.2	11.4	8.4	332.3	999.9	99.9	999.9	28.1	19.
34.4	97.4	10723.2	250.0	-48.5	99.9	227.4	11.5	8.5	7.8	333.9	999.9	99.9	999.9	29.5	21.
36.9	102.4	11406.9	225.0	-54.5	99.9	223.5	11.3	7.8	8.2	335.0	999.9	99.9	999.9	31.1	22.
39.6	107.6	12153.5	200.0	-60.4	99.9	227.6	16.9	11.8	10.8	337.2	999.9	99.9	999.9	32.9	24.
42.4	113.5	12981.8	175.0	-59.8	99.9	224.8	21.7	15.3	15.4	352.6	999.9	99.9	999.9	34.3	26.
46.1	119.8	13948.7	150.0	-60.5	99.9	217.2	26.7	15.8	19.7	365.8	999.9	99.9	999.9	46.9	28.
49.9	126.8	15076.2	125.0	-63.2	99.9	224.8	24.1	16.8	17.4	388.6	999.9	99.9	999.9	46.5	29.
54.7	134.7	16439.3	100.0	-64.2	99.9	999.9	99.9	99.9	99.9	483.7	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

ATEON [illegible] 27

EL [illegible] [illegible] OKLAHOMA

[illegible] 1979

[illegible] GMT 125 97. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.2	328.3	968.8	21.8	15.6	180.9	6.2	0.0	[illegible]	297.6	328.4	11.6	68.0	0.0	0.
99.9	99.9	93.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	999.
0.5	12.3	489.4	950.0	19.6	15.8	178.9	12.5	-1.8	12.4	297.1	328.6	12.0	78.6	0.3	350.
1.2	14.3	719.8	925.0	18.1	15.4	177.2	15.5	-0.7	15.5	297.8	329.5	12.0	84.3	0.9	351.
1.8	16.7	956.5	900.0	16.6	14.5	188.6	19.7	3.0	19.5	298.6	329.6	11.6	87.3	1.7	350.
2.6	19.1	1194.6	875.0	15.3	13.4	190.1	22.2	6.2	21.3	299.7	329.6	11.2	88.3	2.5	3.
3.5	21.5	1440.2	850.0	13.3	12.7	202.0	22.3	8.4	20.7	300.0	329.4	10.9	96.2	3.6	8.
4.2	24.0	1691.5	825.0	12.1	0.5	200.9	21.9	7.8	20.4	301.6	315.2	4.8	44.1	4.6	11.
4.8	26.5	1952.5	800.0	10.0	-34.0	196.6	22.0	6.2	21.1	310.4	311.4	0.3	1.8	5.6	12.
5.9	29.0	2221.1	775.0	17.1	-11.9	193.9	18.9	4.5	18.4	312.2	318.3	2.0	12.6	6.7	13.
6.7	31.6	2501.7	750.0	16.0	-12.7	189.8	16.2	2.8	16.0	313.2	320.0	1.9	12.7	7.6	13.
7.6	34.2	2793.6	725.0	15.1	-15.6	190.4	16.4	3.0	16.1	316.0	321.0	1.6	10.6	8.4	12.
8.1	36.9	3096.3	700.0	12.7	-15.0	193.3	14.7	3.4	14.3	316.6	322.0	1.7	13.0	9.1	12.
9.2	39.6	3387.5	675.0	10.1	-16.8	195.4	14.9	4.0	14.4	317.0	321.8	1.5	13.2	9.8	12.
10.2	42.3	3699.6	650.0	7.6	-17.7	195.7	14.8	3.9	14.3	317.3	322.0	1.5	14.9	10.6	13.
10.4	45.1	4029.9	625.0	4.3	-17.2	196.2	15.1	4.2	14.5	317.6	322.5	1.6	19.0	11.3	13.
11.7	47.9	4353.3	600.0	1.2	-16.4	196.2	14.8	4.1	14.2	317.5	323.1	1.8	25.4	12.1	13.
12.7	50.9	4690.4	575.0	-2.2	-18.2	193.1	15.8	3.6	15.4	317.5	322.5	1.6	27.9	13.0	13.
13.6	53.9	5041.6	550.0	-6.9	-29.9	189.6	18.5	3.0	18.3	319.3	320.3	0.6	11.9	14.2	13.
15.3	56.8	5435.3	525.0	-7.4	-39.4	186.9	18.7	2.3	18.6	319.6	320.4	0.2	5.6	15.5	13.
16.1	59.9	5783.5	500.0	-9.7	-49.7	186.0	14.8	1.5	14.7	321.2	321.6	0.1	2.2	16.7	12.
17.2	63.1	6177.1	475.0	-12.6	-57.8	189.6	13.3	2.2	13.1	322.3	322.5	0.0	1.0	17.6	12.
18.4	66.4	6587.1	450.0	-16.0	-57.5	192.3	11.5	2.5	11.2	323.2	323.3	0.0	1.4	18.4	12.
19.6	69.8	7015.0	425.0	-19.2	-53.5	192.8	10.9	2.4	10.6	324.3	324.4	0.1	3.0	19.1	12.
20.6	73.3	7462.3	400.0	-22.9	-55.2	199.1	12.0	3.9	11.3	325.2	325.4	0.1	3.4	19.8	12.
21.7	76.9	7932.4	375.3	-25.9	-56.6	210.5	14.4	7.3	12.4	327.4	327.5	0.0	3.7	20.7	13.
23.3	80.8	8428.4	350.0	-29.4	-58.4	219.2	15.8	10.0	12.2	329.2	329.4	0.0	4.1	21.8	14.
24.5	84.5	8952.6	325.0	-33.3	-58.3	218.8	18.1	11.3	14.1	330.8	331.1	0.0	5.4	23.2	16.
26.3	88.5	9508.2	300.3	-38.7	-61.5	221.8	16.3	10.9	12.2	330.8	330.9	0.0	6.9	24.7	17.
29.3	92.7	10098.9	275.0	-44.0	99.9	228.3	15.1	11.3	10.1	331.6	999.9	99.9	999.9	26.2	19.
30.1	97.2	10731.9	250.0	-49.2	99.9	225.3	15.7	11.2	11.1	332.9	999.9	99.9	999.9	27.9	21.
32.2	102.0	11412.9	225.0	-55.2	99.9	226.0	15.9	11.4	11.0	334.0	999.9	99.9	999.9	29.8	22.
34.6	107.2	12155.8	200.0	-60.7	99.9	227.7	18.9	14.0	12.7	336.7	999.9	99.9	999.9	31.9	24.
37.2	112.8	12987.1	175.0	-57.7	99.9	237.0	22.2	18.6	12.1	354.6	999.9	99.9	999.9	34.9	27.
40.2	118.4	13955.9	150.3	-60.8	99.9	215.7	22.6	13.2	18.4	365.3	999.9	99.9	999.9	38.5	29.
43.6	125.5	15385.6	125.0	-61.2	99.9	216.9	22.2	13.3	17.7	384.3	999.9	99.9	999.9	43.3	29.
47.3	133.9	16457.9	100.0	-64.0	99.9	999.9	99.9	99.9	99.9	404.1	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
+ BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 27
ELMORE CITY, OKLAHOMA

9 MAY 1979
1705 GMT

115 99. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.2	329.3	968.0	26.0	16.3	180.0	9.8	0.0	9.8	302.0	334.6	12.1	55.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.5	10.7	484.7	950.0	23.7	17.4	23.4	9.9	-3.9	-9.1	300.3	335.7	13.3	72.2	1.0	351.
1.1	12.9	716.9	925.0	20.5	17.0	110.9	6.8	-6.3	2.6	300.2	335.8	13.4	80.8	0.8	346.
1.9	15.1	953.5	900.0	18.2	16.5	166.6	12.6	-2.9	12.3	300.3	335.6	13.3	89.6	1.3	345.
2.5	17.3	1195.1	875.0	16.4	15.1	181.0	13.6	-.2	13.6	300.9	334.3	12.5	91.9	1.8	346.
3.0	19.5	1442.6	850.0	15.9	14.4	197.5	15.4	4.6	14.7	302.8	335.9	12.3	90.7	2.6	354.
4.3	21.9	1696.2	825.0	13.9	13.1	204.6	17.3	7.2	15.7	304.3	336.8	11.6	94.7	3.3	1.
5.9	24.2	1957.3	800.0	11.8	3.8	196.8	18.2	5.0	17.5	311.2	326.2	5.1	29.9	4.0	5.
7.7	26.5	2233.2	775.0	10.6	1.1	190.2	17.7	3.1	17.4	313.8	329.6	5.4	30.9	4.8	6.
9.6	28.9	2510.8	750.0	17.5	3.5	196.3	17.5	4.9	16.8	315.6	335.0	6.6	39.3	5.7	7.
7.5	31.4	2793.2	725.0	14.8	1.1	197.6	17.4	5.3	16.6	315.7	332.6	5.7	39.3	6.7	9.
8.5	33.8	3095.0	700.0	12.4	-3.7	191.0	17.3	3.3	17.0	318.3	331.9	5.2	40.4	7.7	10.
9.5	36.2	3396.0	675.0	10.0	-2.2	186.2	17.8	1.9	17.7	316.9	331.4	4.8	42.1	8.8	9.
10.6	38.9	3711.6	650.0	7.5	-4.4	188.3	17.8	2.5	17.6	317.4	330.4	4.3	42.7	9.9	9.
11.7	41.3	4033.5	625.0	5.0	-8.8	188.5	16.9	2.5	16.7	314.1	327.9	3.1	36.0	11.1	9.
13.0	44.0	4364.7	600.0	1.8	-11.7	187.4	17.1	2.2	16.9	318.2	326.3	2.6	35.0	12.4	9.
14.2	46.7	4706.3	575.0	-1.2	-14.4	188.8	18.1	2.7	17.8	318.6	325.5	2.2	35.9	13.7	9.
15.5	49.4	5058.6	550.0	-4.2	-19.4	193.7	17.2	4.1	16.7	319.1	324.0	1.5	29.3	15.0	9.
16.8	52.3	5423.7	525.0	-6.7	-21.5	196.9	18.3	5.3	17.5	320.4	324.7	1.3	29.4	16.4	10.
18.3	55.1	5802.3	500.0	-9.4	-23.9	193.2	18.5	4.2	18.0	321.5	325.2	1.1	29.5	17.8	10.
19.3	59.1	6198.5	475.0	-12.3	-26.4	189.8	19.3	3.4	19.1	322.8	325.9	0.9	29.5	19.1	10.
20.6	61.2	6607.9	450.0	-15.0	-28.8	188.1	19.3	2.8	19.1	324.3	327.0	0.8	29.6	20.2	10.
21.9	64.3	7037.9	425.0	-17.8	-31.2	190.4	19.8	4.2	19.4	326.1	328.4	0.7	29.6	21.3	10.
23.3	67.4	7488.1	400.0	-21.7	-34.7	209.5	19.6	7.7	17.8	326.8	328.5	0.5	29.7	22.6	11.
24.9	71.9	7959.1	375.0	-25.6	-39.1	211.1	19.7	7.1	18.7	327.7	329.0	0.4	29.8	23.9	12.
26.6	74.4	8456.6	350.0	-29.8	-40.9	215.1	17.9	10.3	14.8	329.9	331.0	0.3	29.9	25.3	13.
28.5	79.0	8982.8	325.0	-32.8	-44.2	219.1	20.6	13.0	16.0	331.8	332.6	0.2	30.0	27.3	15.
30.2	81.7	9541.2	300.0	-37.6	-48.4	218.6	19.9	12.6	15.5	332.7	333.3	0.2	30.5	29.2	17.
32.2	85.7	10135.5	275.0	-42.6	99.9	223.1	18.6	12.7	13.6	333.5	999.9	99.9	999.9	31.4	19.
34.4	89.8	10770.7	250.0	-48.5	99.9	219.4	18.9	12.0	14.0	334.0	999.9	99.9	999.9	33.5	20.
36.8	94.2	11450.6	225.0	-53.6	99.9	219.7	21.5	13.7	16.5	336.3	999.9	99.9	999.9	36.3	22.
39.3	99.0	12220.3	200.0	-58.6	99.9	226.5	25.2	18.3	17.4	339.9	999.9	99.9	999.9	39.6	23.
41.8	104.2	13038.8	175.0	-61.2	99.9	228.8	25.6	19.2	16.8	349.0	999.9	99.9	999.9	43.3	26.
44.9	109.6	14001.1	150.0	-59.6	99.9	213.1	23.8	13.8	20.0	367.5	999.9	99.9	999.9	47.9	27.
49.6	115.8	15138.5	125.0	-60.2	99.9	217.3	26.8	15.7	20.7	386.8	999.9	99.9	999.9	52.7	28.
52.5	122.7	16524.4	100.0	-60.3	99.9	999.9	99.9	99.9	99.9	418.3	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
# BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATIO NO. 27
ELMORE CITY, OKLAHOMA

9 MAY 1979
2008 GMT

115 98. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	9.5	320.0	996.5	29.0	15.9	180.0	11.8	0.0	11.8	1	337.5	11.8	45.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
5.3	17.9	472.3	950.0	24.9	16.7	166.9	12.7	-2.9	12.4	302.4	337.2	12.9	61.5	0.3	343.
10.4	13.2	705.9	925.0	22.5	16.6	162.3	13.8	-4.2	13.1	302.3	337.2	13.0	69.2	0.9	344.
15.9	15.4	944.1	900.0	20.2	15.1	165.6	14.7	-3.7	14.3	302.3	336.9	12.1	72.4	1.5	343.
21.7	17.5	1187.2	875.0	18.4	14.9	172.7	15.5	-2.0	15.3	302.9	336.1	12.3	80.3	2.2	345.
27.5	19.9	1435.5	850.0	15.9	13.8	176.7	13.9	-0.8	13.9	302.9	334.8	11.8	87.0	2.9	345.
33.3	22.2	1688.6	825.0	14.3	13.0	178.3	12.9	-0.4	12.9	.8	335.1	11.5	91.5	3.5	349.
39.1	24.5	1946.7	800.0	12.4	9.6	178.9	12.7	-0.3	12.7	304.4	330.7	9.5	83.4	4.2	351.
45.2	26.9	2211.2	775.0	10.5	-7.7	181.9	12.4	0.4	12.4	313.7	322.1	2.8	16.1	4.8	352.
51.3	29.3	2482.7	750.0	17.9	-9.3	188.9	12.5	1.9	12.3	316.0	323.9	2.5	14.8	5.5	354.
57.9	31.7	2758.3	725.0	15.6	-9.0	188.9	14.2	2.2	14.0	316.5	324.8	2.7	17.5	6.3	355.
64.9	34.1	3041.4	700.0	13.3	-9.7	190.9	15.4	2.9	15.2	317.3	325.5	2.6	19.2	7.1	357.
71.9	36.6	3334.3	675.0	10.6	-12.4	194.2	16.4	4.0	15.9	317.6	324.5	2.2	18.5	8.0	359.
81.3	39.2	3638.6	650.0	7.9	-13.3	195.1	17.6	4.9	16.9	318.0	324.7	2.1	20.5	9.1	1.
92.	41.9	4022.1	625.0	5.1	-14.9	196.4	18.2	5.2	17.5	318.3	324.5	1.9	21.9	10.2	3.
1.1	44.4	4353.2	600.0	1.8	-16.5	195.0	19.4	5.0	18.7	318.3	323.9	1.7	24.0	11.4	4.
14.3	47.1	4694.3	575.0	-1.6	-17.8	194.3	19.4	4.8	18.8	318.2	323.4	1.6	27.6	12.8	5.
15.6	49.9	5046.2	550.0	-4.6	-19.0	195.0	21.9	5.7	21.2	318.7	323.7	1.5	31.3	14.2	6.
16.7	52.7	5410.1	525.0	-7.5	-33.1	198.4	21.2	6.7	20.1	319.5	321.1	0.4	19.8	15.7	7.
17.8	55.6	5788.6	500.0	-10.0	-34.0	197.7	16.7	5.1	15.9	320.9	322.4	0.4	11.9	17.0	8.
19.3	58.5	6181.7	475.0	-12.7	-37.8	196.2	14.8	4.1	14.2	322.3	323.4	0.3	10.0	18.1	9.
20.9	61.6	6592.3	450.0	-15.6	-39.4	197.5	14.4	4.3	13.7	323.7	324.7	0.3	10.8	19.2	9.
21.7	64.9	7020.7	425.0	-18.7	-40.5	201.9	14.9	5.5	13.8	325.0	326.0	0.3	12.5	20.4	10.
23.1	67.9	7469.1	400.0	-22.3	-43.0	207.0	14.9	7.2	13.0	326.0	326.8	0.2	13.1	21.8	11.
24.9	71.3	7943.1	375.0	-25.9	-45.7	212.8	17.3	9.4	14.6	327.4	328.0	0.2	13.4	23.1	12.
26.5	74.7	8436.9	350.0	-29.1	-48.2	219.7	22.0	14.1	16.9	329.5	330.1	0.1	13.8	25.0	14.
28.1	78.2	8962.2	325.0	-33.0	-51.2	224.0	21.5	14.9	15.5	331.2	331.6	0.1	14.1	26.9	16.
30.1	82.0	9519.1	300.0	-37.8	-54.9	221.6	19.3	12.8	14.5	332.1	332.3	0.1	14.6	29.0	18.
32.1	85.9	10112.3	275.0	-43.4	99.9	219.2	22.3	14.1	17.3	332.4	999.9	99.9	999.9	31.3	20.
34.3	90.0	10746.9	250.0	-48.4	99.9	219.5	22.1	14.1	17.1	334.1	999.9	99.9	999.9	34.0	21.
36.5	94.4	11432.9	225.0	-53.8	99.9	224.8	22.9	16.1	16.3	336.0	999.9	99.9	999.9	36.9	23.
39.1	99.3	12176.5	200.0	-59.9	99.9	227.7	25.8	19.1	17.3	338.0	999.9	99.9	999.9	40.3	25.
41.2	104.0	13008.1	175.0	-60.2	99.9	226.6	24.5	17.8	16.8	350.6	999.9	99.9	999.9	44.2	28.
45.3	109.5	13973.6	150.0	-60.1	99.9	213.9	27.3	15.2	22.7	366.5	999.9	99.9	999.9	49.3	29.
49.1	115.5	15109.3	125.0	-62.2	99.9	219.0	26.5	16.7	20.6	382.3	999.9	99.9	999.9	55.4	29.
53.4	122.3	16487.4	100.0	-60.2	99.9	999.9	99.9	99.9	99.9	411.4	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEAN ELEVATION ANGLE BETWEEN 6 AND 10 DEG
+ BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 27
ELMORE CITY, OKLAHOMA

10 MAY 1979
206 GMT

130 96. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.3	320.0	965.5	24.1	17.8	160.0	14.9	-5.1	14.0	300.3	336.1	13.5	68.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	11.8	462.0	950.0	23.4	19.1	150.0	15.5	-7.7	13.4	300.9	340.3	14.8	75.6	0.5	333.
1.0	14.3	595.1	925.0	21.5	18.6	150.9	16.9	-8.2	14.8	301.3	340.5	14.7	83.3	1.0	332.
1.7	16.7	932.1	900.0	19.5	18.1	156.0	19.6	-8.0	17.9	301.7	341.3	14.9	92.4	1.8	332.
2.6	19.2	1175.7	875.0	18.1	17.3	162.5	22.0	-6.6	21.0	302.6	341.1	14.4	95.0	2.8	335.
3.3	21.7	1424.1	850.0	16.2	15.4	166.9	22.8	-5.2	22.2	303.1	338.3	13.1	95.1	3.9	338.
4.1	24.3	1676.2	825.0	14.3	13.5	169.8	21.6	-3.8	21.3	303.8	336.1	11.9	94.7	4.9	340.
4.9	26.9	1934.4	800.0	12.5	11.5	174.7	19.1	-1.8	19.0	304.4	333.9	10.8	94.1	5.9	342.
5.9	29.5	2209.8	775.0	19.9	-15.4	189.2	14.8	2.1	14.6	315.2	319.0	1.2	6.2	6.8	345.
6.7	32.1	2490.1	750.0	17.8	-19.9	192.4	14.9	3.2	14.5	315.9	319.3	1.1	6.2	7.5	347.
7.7	34.9	2778.4	725.0	15.9	-21.9	192.2	16.4	3.4	16.0	316.9	319.9	0.9	5.9	8.3	350.
8.5	37.6	3074.3	700.0	13.3	-22.9	196.2	16.7	4.7	16.1	317.3	320.4	0.9	6.8	9.1	352.
9.5	40.3	3378.2	675.0	10.8	-32.3	200.4	17.0	5.9	15.9	317.7	319.0	0.4	3.2	9.9	354.
10.8	43.1	3690.6	650.0	8.1	-35.5	205.3	16.5	7.0	14.9	318.2	319.2	0.3	2.7	10.8	357.
11.5	46.0	4011.4	625.0	5.1	-36.7	207.1	17.0	7.7	15.2	318.3	319.2	0.3	3.0	11.7	359.
12.6	49.0	4342.9	600.0	1.9	-37.8	207.8	17.3	8.1	15.3	318.4	319.2	0.2	3.3	12.7	2.
13.7	52.0	4683.9	575.0	-1.4	-39.1	210.3	18.9	9.5	16.3	318.3	319.1	0.2	3.7	13.7	4.
15.0	55.0	5036.5	550.0	-3.1	-51.9	205.6	20.0	8.8	18.1	320.4	320.6	0.1	1.0	15.2	7.
16.3	58.1	5402.2	525.0	-6.3	-49.2	200.8	19.9	7.0	18.6	320.8	321.1	0.1	1.8	16.7	8.
17.6	61.3	5781.3	500.0	-9.1	-49.7	202.6	18.2	7.0	16.8	321.9	322.2	0.1	2.1	18.1	9.
19.7	64.6	6177.5	475.0	-10.0	-56.2	200.7	19.0	6.7	17.7	325.6	325.8	0.0	1.0	19.5	10.
20.1	68.0	6591.5	450.0	-13.4	-58.4	209.9	18.5	9.3	16.1	326.4	326.5	0.0	1.0	20.8	11.
21.5	71.6	7023.4	425.0	-17.3	-60.4	218.9	17.4	11.0	13.6	326.8	326.9	0.0	1.1	22.2	13.
23.1	75.1	7475.1	400.0	-20.5	-59.1	218.5	18.3	11.4	14.3	328.3	328.4	0.0	1.9	23.7	14.
24.7	78.9	7949.3	375.0	-23.9	-52.9	219.4	18.7	11.9	14.4	330.0	330.3	0.1	4.9	25.4	16.
26.5	82.7	8446.8	350.0	-28.2	-55.4	223.8	19.8	13.7	14.3	330.8	331.0	0.1	5.4	27.2	18.
28.4	86.8	8976.0	325.0	-32.4	-57.9	227.6	21.5	15.8	14.5	332.0	332.2	0.0	5.8	29.3	20.
30.2	91.0	9534.6	300.0	-37.4	-58.2	224.6	21.5	15.1	15.3	332.6	332.8	0.0	9.3	31.5	22.
32.2	95.3	10129.1	275.0	-42.2	99.9	224.4	19.3	13.5	13.8	334.1	999.9	99.9	999.9	33.8	23.
34.3	100.0	10765.8	250.0	-47.5	99.9	227.2	19.0	14.0	12.9	335.9	999.9	99.9	999.9	36.0	25.
36.3	105.0	11453.9	225.0	-54.2	99.9	232.3	21.7	17.2	13.3	338.5	999.9	99.9	999.9	38.2	26.
38.2	110.4	12205.2	200.0	-58.3	99.9	247.7	19.8	18.3	7.5	340.5	999.9	99.9	999.9	40.1	28.
40.4	116.3	13036.9	175.0	-60.3	99.9	256.6	19.0	18.5	4.4	350.4	999.9	99.9	999.9	42.0	31.
42.6	122.5	13991.6	150.0	-64.0	99.9	244.1	19.9	17.9	8.7	359.8	999.9	99.9	999.9	43.7	33.
46.2	129.5	15105.5	125.0	-66.2	99.9	225.0	27.1	19.2	19.2	375.1	999.9	99.9	999.9	49.8	35.
51.3	137.7	16458.1	100.0	-65.3	99.9	999.9	99.9	99.9	99.9	401.6	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 27
ELMORE CITY, OKLAHOMA

10 MAY 1979
506 GMT

128 97. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	ZD PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.7	320.0	966.5	23.6	18.7	160.0	12.9	-4.4	12.1	299.7	337.3	14.2	74.0	0.0	0.
99.9	99.9	99.9	1300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	11.2	470.8	950.0	22.7	19.5	151.5	16.2	-7.7	14.2	300.3	340.5	15.2	81.9	0.5	333.
1.2	13.6	703.5	925.0	21.1	19.6	154.1	17.9	-7.8	16.1	300.9	342.5	15.7	91.1	1.2	333.
2.3	16.0	941.0	900.0	19.1	18.4	156.7	22.1	-8.7	20.3	301.2	341.0	15.0	95.2	2.1	334.
2.8	18.5	1183.6	875.0	17.8	17.0	160.6	26.4	-8.8	24.9	302.3	340.1	14.1	95.2	3.4	336.
3.8	21.0	1431.2	850.0	16.3	15.2	166.7	25.4	-5.9	24.8	303.2	338.2	13.0	93.4	4.8	338.
5.0	23.4	1686.6	825.0	15.2	14.0	170.2	25.2	-4.3	24.9	304.7	338.2	12.3	92.1	6.6	341.
5.9	26.0	1947.0	803.0	12.7	9.2	170.9	24.4	-3.9	24.1	304.7	330.2	9.2	79.4	8.0	343.
6.9	28.5	2218.3	775.0	10.8	-12.1	182.6	19.1	0.9	19.0	314.1	320.2	2.0	11.1	9.3	344.
7.8	31.1	2498.1	750.0	17.8	-15.1	194.1	15.9	3.9	15.4	315.9	320.9	1.6	9.3	10.2	347.
8.7	33.9	2786.2	725.0	15.7	-16.4	195.4	16.4	4.3	15.8	316.7	321.4	1.5	9.5	10.9	349.
9.6	36.6	3082.4	700.0	13.5	-21.9	196.2	18.6	5.2	17.9	317.5	320.6	0.9	8.8	11.8	351.
10.6	39.2	3386.6	675.0	11.0	-23.3	197.1	20.7	6.1	19.8	318.0	320.8	0.9	7.1	12.8	353.
11.6	41.9	3699.3	650.0	8.3	-24.9	200.6	20.3	7.1	19.0	318.4	321.0	0.8	7.3	13.9	355.
12.7	44.9	4020.8	625.0	5.0	-26.9	201.3	20.9	7.6	19.4	318.2	320.5	0.7	7.7	15.2	357.
14.0	47.6	4352.1	600.0	2.4	-29.5	201.3	21.6	7.8	20.2	318.9	320.9	0.6	8.3	16.7	360.
15.2	50.6	4693.7	575.0	-1.0	-29.0	199.0	23.1	7.5	21.9	318.9	320.9	0.6	9.8	18.3	2.
16.5	53.5	5046.2	550.0	-4.1	-36.2	202.7	22.1	8.5	20.4	320.5	321.6	0.3	5.6	19.9	3.
17.9	56.6	5414.1	525.0	-4.3	-36.8	212.3	20.1	10.8	17.0	323.3	324.4	0.3	5.8	21.4	5.
19.0	59.8	5796.3	500.0	-7.1	-39.4	214.3	18.9	10.7	15.7	324.4	325.4	0.3	6.0	22.7	7.
20.3	63.0	6193.4	475.0	-10.6	-40.5	213.2	17.8	9.0	15.4	324.9	325.7	0.2	5.4	23.9	8.
21.6	66.3	6606.9	450.0	-13.5	-40.8	212.5	16.8	9.0	14.1	326.2	327.1	0.2	7.9	25.3	9.
23.1	69.8	7038.9	425.0	-16.6	-41.1	211.0	19.2	9.9	16.4	327.7	328.6	0.2	9.9	26.7	11.
24.7	73.3	7491.5	400.0	-20.2	-43.6	215.7	18.6	10.8	15.1	328.8	329.5	0.2	10.2	28.4	12.
26.3	77.0	7965.1	375.0	-24.3	-46.5	214.1	18.5	10.4	15.3	329.5	330.1	0.2	10.7	29.9	13.
27.9	81.0	8464.8	350.0	-28.4	-49.5	216.6	19.6	11.7	15.7	330.5	330.9	0.1	11.1	31.7	15.
29.5	84.7	8982.5	325.0	-31.8	-52.0	222.8	22.3	15.1	16.4	332.9	333.2	0.1	11.4	33.6	16.
31.3	88.4	9552.7	300.0	-36.4	-53.9	223.0	21.5	14.7	15.8	334.0	334.4	0.1	14.3	35.7	18.
33.4	93.1	10168.9	275.0	-41.8	99.9	221.1	20.0	13.1	15.1	336.7	999.9	99.9	999.9	38.0	19.
35.6	97.4	10787.4	250.0	-47.0	99.9	229.9	21.7	16.6	14.0	338.3	999.9	99.9	999.9	40.5	21.
37.9	102.6	11477.1	225.0	-52.6	99.9	239.2	23.2	20.0	11.9	337.9	999.9	99.9	999.9	43.1	23.
40.5	107.9	12227.4	200.0	-58.2	99.9	244.5	22.3	20.1	9.6	340.7	999.9	99.9	999.9	45.9	26.
43.1	113.8	13057.9	175.0	-62.6	99.9	269.0	12.5	12.5	0.2	346.6	999.9	99.9	999.9	48.3	29.
45.5	120.0	14001.3	150.0	-64.7	99.9	291.5	14.1	11.0	8.8	358.6	999.9	99.9	999.9	49.0	29.
49.6	127.3	15107.9	125.0	-66.3	99.9	999.9	99.9	99.9	99.9	374.9	999.9	99.9	999.9	999.9	999.
54.3	135.0	16451.5	100.0	-67.2	99.9	999.9	99.9	99.9	99.9	398.0	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 27
ELADRE CITY, OKLAHOMA

10 MAY 1979
805 GMT

119 97. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.9	320.0	966.0	22.5	19.7	160.0	11.8	-4.0	11.1	298.6	338.3	15.1	84.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	11.4	369.7	950.0	22.1	20.5	160.6	16.2	-5.4	15.3	299.6	342.4	16.3	93.8	0.4	336.
1.1	13.7	702.3	925.0	20.4	19.5	164.7	17.6	-4.6	16.9	300.2	341.5	15.6	94.0	0.9	339.
1.9	14.1	939.3	900.0	18.9	18.1	170.8	19.8	-3.1	19.5	300.9	340.0	14.7	95.2	1.7	343.
2.5	18.5	1181.4	875.0	17.4	16.5	176.1	22.1	-1.5	22.1	301.8	338.5	13.7	91.9	2.6	347.
3.2	21.0	1429.2	850.0	15.6	14.8	180.3	22.6	0.1	22.6	302.5	336.4	12.6	90.7	3.5	350.
4.0	23.4	1682.9	825.0	14.1	12.8	183.9	21.7	1.5	21.7	303.5	334.3	11.3	91.9	4.6	353.
4.9	26.2	1943.0	800.0	12.9	11.4	192.6	19.9	4.1	19.4	304.9	334.2	10.7	90.7	5.6	355.
5.6	24.5	2211.1	775.0	10.5	-14.0	219.4	15.6	9.7	12.3	314.7	320.0	1.7	9.1	6.3	359.
6.5	31.1	2494.4	750.0	17.8	-17.8	227.6	16.3	12.1	11.0	315.9	320.0	1.3	7.4	6.9	4.
7.4	33.9	2782.3	725.0	15.4	-20.8	225.4	16.9	12.0	11.8	316.4	319.7	1.0	6.6	7.5	9.
8.3	36.4	3078.1	700.0	13.2	-18.1	217.7	17.4	10.7	13.8	317.1	321.3	1.3	9.7	8.3	12.
9.9	39.1	3381.6	675.0	10.2	-17.6	211.9	17.3	9.1	14.7	317.1	321.6	1.4	12.3	9.1	14.
10.1	41.9	3693.7	650.0	7.5	-19.1	211.7	16.5	8.6	14.0	317.4	321.6	1.3	13.0	10.0	16.
11.0	44.8	4014.9	625.0	4.9	-21.0	210.0	17.7	8.8	15.3	318.1	321.9	1.1	13.2	11.0	17.
12.0	47.7	4345.3	600.0	1.9	-23.1	208.6	16.4	7.8	14.4	318.4	321.7	1.0	13.5	12.0	18.
13.1	51.6	4686.8	575.0	-1.3	-26.0	203.8	16.4	6.6	15.0	318.4	321.1	0.8	13.2	13.0	19.
14.2	51.6	5034.5	550.0	-4.7	-28.0	202.5	16.3	6.2	15.0	318.5	320.9	0.7	14.1	14.2	19.
15.4	55.8	5403.2	525.0	-6.4	-34.2	205.2	16.9	7.2	15.3	320.7	322.1	0.4	9.8	15.4	19.
16.7	59.9	5781.8	500.0	-9.8	-36.4	208.1	18.1	8.5	15.9	321.2	322.3	0.3	9.2	16.6	20.
17.9	63.1	6175.5	475.0	-12.4	-31.6	208.3	15.7	7.5	13.9	322.6	324.6	0.6	15.5	17.8	21.
19.2	66.5	6596.0	450.0	-15.7	-32.9	200.6	15.9	5.6	14.9	323.5	325.4	0.5	21.1	19.0	21.
20.5	70.0	7015.1	425.0	-17.5	-39.5	195.3	17.7	4.7	17.0	326.5	327.5	0.3	12.7	20.3	21.
21.9	73.6	7465.9	400.0	-21.0	-42.0	199.1	20.9	6.8	19.7	327.7	329.6	0.2	13.0	22.0	20.
23.4	77.2	7939.1	375.0	-24.4	-44.6	200.4	19.9	7.0	18.7	329.3	330.9	0.2	13.3	23.8	20.
25.2	81.1	8437.7	350.0	-28.4	-47.6	202.2	19.5	7.4	18.1	330.5	331.8	0.1	13.7	25.9	20.
27.1	85.2	8964.8	325.0	-32.5	-50.8	205.0	17.9	7.5	16.2	331.3	332.3	0.1	14.1	28.0	21.
29.9	89.3	9524.3	300.0	-36.9	-54.2	202.7	19.4	7.5	17.8	333.4	333.7	0.1	14.5	30.0	21
33.9	93.7	10120.1	275.0	-41.6	99.9	209.4	18.4	9.0	16.0	334.9	999.9	99.9	999.9	32.4	21.
37.3	93.4	10759.9	250.0	-47.0	99.9	222.9	17.1	11.6	12.5	336.2	999.9	99.9	999.9	34.8	22.
35.5	99.2	11448.9	225.0	-52.0	99.9	232.8	19.6	15.6	11.8	338.8	999.9	99.9	999.9	37.3	24.
34.2	3.6	12232.1	200.0	-57.3	99.9	236.0	21.8	17.8	11.8	341.2	999.9	99.9	999.9	39.7	26.
40.2	104.5	13031.3	175.0	-63.4	99.9	217.2	13.6	8.2	10.8	345.4	999.9	99.9	999.9	41.7	28.
42.4	123.8	13971.5	150.0	-66.1	99.9	211.7	20.8	11.8	17.7	356.3	999.9	99.9	999.9	43.4	27.
45.9	128.0	15078.9	125.0	-66.5	99.9	217.1	29.3	17.7	23.4	374.5	999.9	99.9	999.9	46.8	29.
99.9	130.9	16425.4	100.0	-65.1	99.9	999.9	99.9	99.9	99.9	401.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 27
ELMORE CITY, OKLAHOMA

10 MAY 1979
1107 GMT

129 98. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.7	328.0	966.2	21.8	19.5	160.0	9.8	-3.4	9.2	297.9	337.2	15.0	87.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	11.3	466.4	950.0	21.9	99.9	161.5	16.0	-5.3	15.0	299.4	999.9	99.9	999.9	0.3	328.
1.1	13.6	697.4	925.0	20.4	18.3	170.9	17.3	-2.7	17.1	300.2	338.7	14.5	88.0	0.9	338.
1.8	16.0	934.6	900.0	20.3	15.4	180.7	19.0	0.2	19.0	302.4	335.8	12.3	73.3	1.6	347.
2.5	18.4	1178.6	875.0	20.1	13.6	186.0	18.2	1.9	18.1	304.7	335.6	11.3	66.3	2.5	352.
3.4	20.9	1428.8	850.0	19.2	12.1	195.3	16.8	4.4	16.2	306.3	335.3	10.5	63.3	3.3	357.
4.2	23.4	1685.4	825.0	17.7	9.9	198.7	16.4	5.3	15.5	307.3	333.4	9.4	60.5	4.0	1.
5.0	26.0	1948.2	800.0	15.9	8.4	202.6	16.9	6.5	15.6	308.1	332.6	8.7	61.2	4.8	4.
5.8	28.5	2217.8	775.0	14.1	8.0	209.8	17.1	8.5	14.8	309.0	333.6	8.7	66.4	5.6	8.
6.6	31.1	2494.1	750.0	11.8	7.3	222.4	16.0	10.8	11.8	309.4	333.8	8.6	74.1	6.4	11.
7.7	33.8	2777.9	725.0	10.1	7.5	233.3	16.2	13.0	9.7	310.5	336.6	9.2	85.7	7.2	16.
8.6	36.5	3070.2	700.0	9.5	1.8	235.0	16.8	13.8	9.7	313.0	331.2	8.3	58.5	7.9	20.
9.5	39.3	3371.4	675.0	8.5	-6.0	230.4	16.0	12.3	10.2	315.2	326.2	3.6	35.1	8.7	23.
10.5	42.0	3681.7	650.0	6.4	-7.6	227.9	14.7	10.9	9.9	316.2	326.4	3.3	36.1	9.5	26.
11.5	44.7	4001.7	625.0	3.3	-12.0	223.5	14.4	9.9	10.4	316.2	323.8	2.4	31.6	10.3	27.
12.5	47.8	4331.4	600.0	0.2	-16.5	220.5	15.5	10.1	11.8	317.1	322.7	1.8	25.9	11.2	29.
13.5	50.8	4671.4	575.0	-2.0	-17.9	216.7	16.6	9.9	13.3	317.6	322.8	1.6	28.3	12.1	29.
14.7	53.9	5023.0	550.0	-4.1	-26.0	212.5	18.8	10.1	15.8	319.2	322.0	0.8	16.2	13.3	30.
15.8	57.0	5388.9	525.0	-5.5	-27.2	211.3	18.6	9.7	15.9	321.8	324.4	0.8	16.2	14.6	30.
16.9	60.1	5769.3	500.0	-8.7	-26.6	210.1	19.2	9.6	16.7	322.5	325.4	0.9	21.8	15.9	30.
18.2	63.4	6164.1	475.0	-12.5	-27.9	208.2	19.4	9.2	17.1	322.5	325.3	0.8	26.2	17.3	30.
19.6	66.9	6575.6	450.0	-13.8	-37.9	205.7	23.6	10.2	21.3	326.0	327.1	0.3	10.9	19.2	30.
21.1	70.3	7007.5	425.0	-16.8	-39.7	205.2	22.4	9.5	20.2	327.5	328.5	0.3	11.5	21.3	29.
22.8	73.9	7459.4	400.0	-20.5	-41.8	209.8	24.0	11.9	20.8	328.4	329.3	0.2	12.8	23.6	29.
24.4	77.6	7934.3	375.0	-23.6	-44.0	207.8	24.4	11.4	21.6	330.3	331.1	0.2	13.2	25.9	29.
25.9	81.3	8434.1	350.0	-28.0	-47.3	204.5	24.3	10.1	22.1	331.0	331.5	0.1	13.7	28.1	29.
27.6	85.3	8961.0	325.0	-32.7	-50.9	207.0	23.7	10.7	21.1	331.6	332.0	0.1	14.1	30.5	29.
29.5	89.5	9519.9	300.0	-36.8	-53.6	209.6	22.5	11.1	19.6	333.6	333.9	0.1	15.5	33.2	29.
31.7	94.0	10116.6	275.0	-40.8	99.9	210.8	22.4	11.5	19.2	336.1	999.9	99.9	999.9	36.0	29.
33.9	98.6	10758.0	250.0	-46.0	99.9	218.9	21.6	13.6	16.8	337.7	999.9	99.9	999.9	38.9	29.
35.9	103.6	11449.7	225.0	-52.8	99.9	219.0	22.6	14.2	17.6	337.6	999.9	99.9	999.9	41.7	30.
38.2	109.0	12197.4	200.0	-59.1	99.9	213.6	20.5	11.3	17.0	339.3	999.9	99.9	999.9	44.3	30.
40.6	114.8	13020.9	175.0	-64.7	99.9	212.5	21.6	11.6	18.2	341.5	999.9	99.9	999.9	47.1	30.
43.5	121.0	13964.9	150.0	-62.1	99.9	226.8	27.1	19.7	18.5	363.1	999.9	99.9	999.9	51.8	32.
47.3	128.3	15084.0	125.0	-66.1	99.9	221.3	24.7	16.3	18.6	375.2	999.9	99.9	999.9	57.2	33.
52.3	136.3	16432.0	100.0	-66.0	99.9	999.9	99.9	99.9	99.9	406.2	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 28
FT. SILL, OKLAHOMA

9 MAY 1979
1100 GMT

125 98. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.7	361.0	961.0	21.7	17.7	180.0	12.0	0.0	12.0	298.2	333.6	13.4	78.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	11.7	461.2	950.0	21.0	18.0	150.2	16.9	-8.3	15.7	298.5	336.9	13.8	83.0	0.3	8.
1.2	14.1	692.2	925.0	19.3	17.1	165.0	18.0	-3.7	17.6	299.0	336.1	14.0	91.0	1.1	350.
2.0	16.5	924.4	900.0	17.8	16.9	180.6	21.1	0.2	21.1	299.9	338.1	13.6	94.4	2.0	352.
2.9	18.9	1157.5	875.0	15.9	15.3	189.5	20.9	3.5	20.7	300.3	336.1	12.7	96.3	3.0	357.
3.7	21.3	1391.7	850.0	14.2	13.7	194.5	23.9	6.0	23.1	301.0	332.4	11.7	97.0	4.1	1.
4.6	23.7	1624.4	825.0	14.5	12.0	208.8	23.1	11.1	20.2	303.9	333.2	10.8	85.3	5.4	5.
5.5	26.2	1831.7	800.0	20.2	-6.4	211.6	20.4	10.7	17.4	312.7	321.7	3.0	16.1	6.4	10.
6.4	28.8	2035.5	775.0	20.6	-6.2	208.1	18.6	8.8	16.4	316.0	325.5	3.1	15.9	7.4	13.
7.3	31.3	2287.2	750.0	18.4	-10.6	212.0	18.7	9.9	15.8	316.6	323.8	2.3	12.9	8.4	15.
8.3	34.0	2776.4	725.0	16.2	-13.0	218.2	17.9	11.1	14.1	317.3	323.4	1.9	12.1	9.4	17.
9.3	36.7	3272.5	700.0	13.6	-14.5	216.0	19.2	11.3	15.5	317.6	323.2	1.8	12.7	10.4	19.
10.2	39.3	3776.7	675.0	10.6	-16.1	211.1	20.9	10.8	17.9	317.6	322.7	1.6	13.5	11.5	21.
11.2	42.1	3949.3	650.0	7.5	-16.6	205.0	22.9	9.7	20.7	317.5	322.6	1.6	16.1	12.9	22.
12.3	44.9	4310.4	625.0	4.9	-18.0	197.5	23.1	6.9	22.1	318.1	322.9	1.5	17.1	14.4	21.
13.5	47.7	4341.1	600.0	1.6	-19.4	197.6	21.3	6.5	20.3	318.0	322.4	1.4	19.1	15.9	21.
14.4	51.7	4882.5	575.0	-1.0	-25.7	204.5	19.3	8.0	17.6	318.9	321.6	0.8	13.1	17.5	21.
15.1	53.7	5231.7	560.0	-3.3	-29.8	201.2	17.0	6.1	15.9	320.2	322.2	0.6	10.7	19.0	21.
17.4	56.4	5431.7	525.0	-5.8	-30.8	204.4	12.8	5.3	11.6	321.5	323.4	0.6	11.7	20.1	21.
18.7	59.7	5781.5	500.0	-8.7	-30.5	216.8	12.6	7.5	10.1	322.4	324.5	0.6	15.2	21.1	22.
19.9	63.1	6176.2	475.0	-12.4	-31.1	226.6	10.3	7.5	7.1	322.6	324.6	0.6	19.1	21.9	22.
21.2	66.4	6586.2	450.0	-16.2	-33.7	221.9	10.7	7.1	8.0	322.9	324.6	0.5	20.2	22.6	23.
22.7	69.9	7013.5	425.0	-19.6	-37.7	211.5	13.4	7.0	11.5	323.8	325.0	0.3	18.2	23.6	24.
24.1	73.3	7460.6	400.0	-23.9	-40.9	211.7	14.9	7.8	12.6	325.1	326.1	0.3	17.5	24.8	24.
25.6	76.9	7927.4	375.0	-26.7	-43.4	218.9	15.5	9.8	12.1	326.3	327.1	0.2	18.7	26.2	25.
27.4	80.7	8421.9	350.0	-30.2	-46.1	226.3	17.0	12.3	11.7	328.0	328.6	0.2	19.0	27.7	26.
29.1	84.5	8947.4	325.0	-33.9	-49.2	222.8	19.5	13.3	14.3	330.0	330.	0.1	19.3	29.5	27.
30.6	88.7	9503.1	300.0	-38.6	-53.1	220.9	19.8	13.0	15.0	331.0	331.3	0.1	19.7	31.3	28.
32.2	93.0	10104.1	275.0	-44.3	99.9	225.8	17.5	12.5	12.2	331.0	999.9	99.9	999.9	33.0	29.
34.3	97.5	10726.0	250.0	-49.5	99.9	229.1	20.3	15.3	13.3	332.5	999.9	99.9	999.9	34.9	30.
36.2	102.4	11403.7	225.0	-54.5	99.9	234.3	19.5	15.8	11.3	335.1	999.9	99.9	999.9	37.3	31.
38.2	107.4	12153.5	200.0	-60.1	99.9	228.2	20.9	15.6	13.9	337.6	999.9	99.9	999.9	39.6	32.
40.2	113.0	12976.4	175.0	-64.3	99.9	234.5	27.4	22.3	15.9	343.8	999.9	99.9	999.9	42.3	34.
42.0	119.3	13943.7	150.0	-59.7	99.9	228.0	27.2	20.2	18.2	36 .3	999.9	99.9	999.9	45.2	35.
44.1	126.0	15078.3	125.0	-61.5	99.9	999.9	99.9	99.9	99.9	383.7	999.9	99.9	999.9	48.3	36.
46.5	133.3	16444.5	100.0	-66.4	99.9	999.9	99.9	99.9	99.9	403.3	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 28
FT.SILL, OKLAHOMA

9 MAY 1979
1430 GMT

90 249. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.5	361.9	962.4	20.5	18.1	180.0	4.0	0.0	4.0	296.9	332.8	13.7	86.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	11.7	472.7	950.0	20.00	99.9	999.9	99.9	99.9	99.9	297.4	999.9	99.9	999.9	999.9	999.
1.0	14.1	701.1	925.0	18.70	99.9	999.9	99.9	99.9	99.9	298.5	999.9	99.9	999.9	999.9	999.
1.8	16.5	935.1	900.0	17.40	99.9	999.9	99.9	99.9	99.9	299.4	999.9	99.9	999.9	999.9	999.
2.6	14.9	1170.5	875.0	17.7	15.3	999.9	99.9	99.9	99.9	302.2	336.2	12.7	86.0	2.6	1.
3.3	21.4	1404.0	850.0	16.2	14.1	213.7	21.6	12.0	18.0	303.2	337.8	12.0	87.3	3.5	8.
4.1	23.7	1578.5	825.0	14.1	12.5	220.0	22.0	14.1	16.9	303.5	338.8	11.1	89.7	4.4	15.
5.0	20.4	1834.1	800.0	11.9	10.7	214.8	21.4	12.2	17.6	303.8	338.7	10.2	92.7	5.5	20.
5.7	22.0	2087.4	775.0	19.7	-24.7	199.9	19.7	6.7	18.5	313.9	316.2	0.7	3.4	6.5	21.
6.7	31.6	2447.9	750.0	18.7	-38.5	195.8	18.3	5.0	17.6	316.9	317.6	0.2	1.0	7.6	20.
7.6	34.2	2777.0	725.0	17.1	-39.5	202.2	18.4	7.0	17.0	318.2	318.8	0.2	1.0	8.5	23.
8.4	36.9	3071.7	700.0	14.3	-41.1	204.1	19.1	7.8	17.4	318.4	318.9	0.1	1.0	9.4	21.
9.2	39.7	3378.3	675.0	11.3	-43.0	206.0	17.8	7.8	16.0	318.3	318.8	0.1	1.0	10.3	21.
10.1	42.6	3691.3	650.0	8.4	-44.7	205.7	17.5	7.6	15.8	318.5	319.0	0.1	1.0	11.2	22.
11.0	45.3	4012.9	625.0	5.3	-45.2	202.8	17.6	6.8	16.2	318.5	318.9	0.1	1.2	12.2	22.
12.0	48.3	4344.1	600.0	2.2	-42.8	203.8	16.3	6.6	14.9	318.7	319.2	0.1	1.0	13.2	22.
13.0	51.3	4685.3	575.0	-1.2	-43.4	206.9	17.4	7.8	15.6	318.6	319.1	0.1	2.3	14.2	22.
14.0	54.3	5037.7	550.0	-3.9	-50.7	202.7	17.6	6.8	16.2	319.5	319.7	0.1	1.2	15.3	22.
15.1	57.6	5401.0	525.0	-6.2	-51.8	195.7	18.9	5.1	18.1	321.0	321.2	0.0	1.0	16.5	22.
16.2	60.6	5782.2	500.0	-9.4	-55.3	191.3	16.2	3.2	15.8	321.6	321.7	0.0	1.0	17.6	22.
17.3	63.9	6176.1	475.0	-12.6	-46.2	191.1	15.5	3.0	15.2	322.4	322.9	0.1	4.3	18.6	21.
18.3	67.1	6587.1	450.0	-15.2	-50.8	200.4	16.4	5.7	15.3	324.1	324.4	0.1	3.0	19.6	21.
19.5	70.7	7015.4	425.0	-18.9	-55.3	211.3	18.0	9.4	15.4	324.8	325.0	0.0	2.3	20.8	21.
20.9	74.3	7464.3	400.0	-22.8	-52.5	223.4	18.8	13.0	13.7	325.4	325.7	0.1	4.6	22.0	22.
22.3	78.0	7935.3	375.0	-27.0	-56.0	220.1	17.9	11.5	13.7	325.9	326.0	0.0	4.5	23.3	23.
23.1	81.9	8427.3	350.0	-33.4	-56.9	215.8	19.4	11.3	15.7	327.3	328.0	0.0	5.4	24.8	24.
24.9	85.8	8951.1	325.0	-33.7	-58.3	220.6	22.7	14.8	17.2	330.3	330.4	0.0	5.8	26.6	25.
26.4	90.0	9506.4	300.0	-38.9	-62.3	221.6	24.1	16.0	18.0	330.5	330.6	0.0	5.3	28.8	26.
28.1	94.2	10099.2	275.0	-43.5	99.9	999.9	99.9	99.9	99.9	332.2	999.9	99.9	999.9	999.9	999.
29.9	98.8	10732.4	250.0	-48.7	99.9	999.9	99.9	99.9	99.9	333.7	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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# BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 28
FT.SILL, OKLAMOMA

9 MAY 1979
1705 GMT

111 150. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PUT T DG K	E PUT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.5	381.0	962.1	25.7	19.6	180.0	8.0	0.0	8.0	302.2	342.5	15.1	69.0	0.0	0.
99.9	99.9	99.9	1303.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	11.6	472.1	950.0	25.0	17.7	161.2	11.4	-3.7	10.8	300.5	335.4	13.1	69.9	0.4	337.
1.4	14.0	704.2	925.0	20.7	17.3	163.3	15.0	-4.3	14.3	300.5	336.7	13.6	81.0	1.1	339.
2.4	15.4	941.2	900.0	18.7	16.9	179.4	15.6	-0.2	15.6	300.7	337.1	13.6	89.6	2.0	343.
3.4	18.9	1183.6	875.0	18.9	16.3	202.4	15.3	5.8	14.2	303.4	339.8	13.5	84.8	2.9	352.
4.4	21.2	1433.3	850.0	17.7	15.6	214.8	15.8	9.0	13.0	304.7	340.6	13.2	87.1	3.8	1.
5.4	23.7	1694.6	825.0	15.6	14.4	222.2	14.1	9.5	10.4	305.1	339.6	12.7	92.5	4.4	8.
6.4	26.2	1950.1	800.0	14.0	12.8	219.9	11.9	7.7	9.2	306.0	338.3	11.8	92.9	5.0	13.
7.4	29.7	2213.5	775.0	16.4	-14.6	201.8	15.2	5.7	14.1	311.4	320.9	3.3	27.6	5.7	15.
8.5	31.3	2499.1	750.0	18.9	-24.6	198.2	18.6	5.8	17.7	317.1	319.4	0.7	3.8	6.9	16.
9.6	33.9	2787.9	725.0	18.4	-25.6	196.5	19.5	5.5	18.7	317.5	319.7	0.7	4.1	8.2	16.
10.7	36.7	3084.3	700.0	13.6	-25.9	195.6	19.8	5.3	19.1	317.6	319.8	0.7	4.8	9.6	16.
11.7	39.3	3388.4	675.0	10.9	-24.5	195.8	20.8	5.7	20.1	317.8	320.4	0.8	6.4	10.7	16.
12.8	42.1	3700.2	650.0	8.0	-25.2	197.7	21.4	6.5	20.4	318.1	320.6	0.8	7.3	12.2	16.
14.1	44.9	4022.4	625.0	5.1	-24.8	198.7	19.5	6.2	18.4	318.3	321.0	0.8	9.2	13.7	16.
15.4	47.8	4353.4	600.0	2.0	-26.3	197.9	19.4	6.0	18.5	318.5	321.0	0.7	10.0	15.2	17.
16.6	51.8	4694.6	575.0	-1.0	-27.1	194.0	18.5	4.5	18.0	318.8	321.2	0.7	11.4	16.6	17.
17.9	53.9	5046.8	550.0	-4.0	-31.5	194.0	20.4	4.9	19.8	319.3	321.1	0.5	9.7	18.3	16.
19.3	56.9	5412.6	525.0	-6.0	-37.3	191.9	20.9	5.7	20.1	321.3	322.3	0.3	6.2	19.4	16.
20.1	60.0	5792.3	500.0	-8.8	-40.6	201.3	20.6	8.2	18.9	322.4	323.2	0.2	5.5	20.8	16.
21.2	63.3	6187.4	475.0	-12.0	-42.2	206.9	20.3	9.8	17.8	323.1	323.8	0.2	6.0	22.2	17.
22.8	66.6	6598.1	450.0	-15.7	-43.0	207.1	17.4	7.9	15.5	323.5	324.2	0.2	7.4	23.7	18.
24.3	70.0	7026.5	425.0	-18.8	-45.1	208.3	19.3	9.1	17.0	324.8	325.4	0.2	7.7	25.2	19.
25.5	73.6	7474.9	400.0	-22.5	-47.5	217.6	19.8	12.1	15.7	325.7	326.2	0.1	8.1	26.3	19.
27.1	77.3	7945.1	375.0	-25.3	-50.0	217.9	22.7	14.0	17.9	326.8	327.2	0.1	8.5	25.8	21.
28.4	81.0	8440.9	350.0	-29.2	-52.1	220.6	24.9	16.2	18.9	329.4	329.7	0.1	8.8	31.1	22.
30.5	85.0	8965.9	325.0	-33.5	-54.6	999.9	99.9	99.9	99.9	330.6	330.8	0.1	9.8	33.6	24.
32.5	89.2	9522.4	300.0	-38.2	-57.6	999.9	99.9	99.9	99.9	331.5	331.7	0.1	10.9	999.9	999.
34.2	93.4	10115.3	275.0	-43.3	99.9	999.9	99.9	99.9	99.9	332.5	999.9	99.9	999.9	999.9	999.
36.3	98.0	10750.9	250.0	-47.9	99.9	999.9	99.9	99.9	99.9	334.8	999.9	99.9	999.9	999.9	999.
37.3	102.8	11437.5	225.0	-53.3	99.9	999.9	99.9	99.9	99.9	336.9	999.9	99.9	999.9	999.9	999.
39.9	108.3	12185.3	200.0	-59.3	99.9	999.9	99.9	99.9	99.9	338.8	999.9	99.9	999.9	999.9	999.
42.1	113.8	13009.8	175.0	-64.7	99.9	999.9	99.9	99.9	99.9	343.2	999.9	99.9	999.9	999.9	999.
44.7	120.0	13964.2	150.0	-60.2	99.9	999.9	99.9	99.9	99.9	366.3	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 28
FT.SILL, OKLAHOMA

9 MAY 1979
2005 GMT

128 89. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.0	361.0	981.5	26.3	18.4	180.0	5.0	0.0	5.0	302.8	340.6	14.1	82.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	0.3	467.2	950.0	24.9	18.3	999.9	99.9	99.9	99.9	302.5	340.3	14.1	87.0	999.9	999.
1.1	1.1	736.1	925.0	22.6	19.0	999.9	99.9	99.9	99.9	302.4	340.5	14.2	95.5	999.9	999.
1.4	1.4	939.5	900.0	20.8	18.3	999.9	99.9	99.9	99.9	302.9	342.9	14.9	85.6	1.6	343.
2.5	2.5	1143.4	875.0	18.7	17.3	174.3	14.4	-1.4	14.4	303.2	342.0	14.4	91.6	2.2	342.
3.5	3.5	1432.4	850.0	17.3	16.0	186.4	13.9	1.6	13.8	304.3	341.2	13.6	91.8	2.9	347.
4.3	4.3	1647.9	825.0	15.8	14.2	192.4	12.2	2.6	11.9	305.3	339.3	12.5	93.2	3.5	351.
5.2	5.2	1849.4	800.0	14.2	12.6	190.8	11.6	2.2	11.3	306.3	338.1	11.6	89.9	4.1	350.
5.8	5.8	2217.2	775.0	12.2	-1.8	189.9	14.4	2.5	14.1	306.9	325.9	6.8	55.9	4.8	350.
6.9	31.9	2495.2	750.0	17.4	-24.4	197.4	18.5	5.5	17.6	317.7	320.0	0.7	3.7	5.9	359.
7.6	31.6	2785.1	725.0	17.4	-25.2	201.0	19.1	6.8	17.8	318.5	320.8	0.7	4.3	6.4	2.
8.6	32.2	3082.3	700.0	16.6	-26.4	201.7	19.3	7.1	17.9	318.6	320.8	0.6	4.3	7.4	5.
9.6	32.9	3387.1	675.0	11.4	-27.8	199.4	18.7	6.2	17.7	318.5	320.4	0.6	4.6	8.6	7.
10.7	41.7	3700.7	650.0	8.9	-29.0	195.0	18.5	4.8	17.9	319.0	320.9	0.5	4.8	9.7	8.
11.6	44.5	4023.3	625.0	5.8	-30.5	194.3	19.2	4.7	18.7	319.1	320.7	0.5	5.2	11.4	9.
12.5	47.4	4354.7	600.0	2.6	-32.2	197.1	19.0	5.6	18.2	319.2	320.7	0.4	5.5	12.3	10.
13.7	51.1	4696.9	575.0	-0.2	-33.9	199.3	17.4	5.7	16.4	319.7	321.0	0.4	5.9	13.2	10.
14.8	53.4	5046.9	550.0	-3.7	-35.7	202.2	16.1	6.8	16.8	319.7	320.8	0.3	6.2	14.3	11.
15.9	54.4	5405.4	525.0	-6.3	-37.3	204.0	20.9	8.5	19.1	320.8	321.9	0.3	6.4	15.5	12.
17.0	54.6	5795.0	500.0	-8.8	-38.8	202.3	20.8	7.9	19.2	322.3	323.2	0.3	6.7	15.9	13.
18.3	62.9	6189.8	475.0	-12.0	-40.7	201.2	21.4	7.7	19.9	323.1	324.0	0.2	7.0	19.2	14.
19.1	66.1	6601.0	450.0	-15.0	-42.6	203.1	21.4	8.4	19.7	324.4	325.1	0.2	7.3	19.6	14.
20.2	64.5	7030.6	425.0	-18.4	-44.8	209.5	21.9	10.8	19.1	325.4	326.0	0.2	7.7	21.3	15.
21.6	73.3	7479.4	400.0	-22.2	-47.1	218.7	22.6	14.1	17.8	326.2	326.7	0.1	8.1	22.6	17.
22.9	76.7	7951.6	375.0	-24.8	-47.9	221.9	25.3	16.9	18.8	328.8	329.3	0.1	9.6	24.3	18.
24.2	80.5	8449.2	350.0	-29.1	-49.7	225.5	26.8	19.1	18.8	329.5	330.0	0.1	11.6	26.3	20.
25.3	84.5	8976.4	325.0	-33.1	-51.6	228.7	27.3	20.5	18.0	331.0	331.4	0.1	13.5	28.2	22.
27.9	88.5	9513.2	300.0	-37.4	-54.5	227.3	24.9	18.3	16.9	332.8	333.2	0.1	14.7	30.3	24.
29.3	92.5	10126.9	275.0	-42.8	99.9	225.9	25.5	18.3	17.7	333.2	999.9	99.9	999.9	32.1	26.
29.8	97.4	10763.3	250.0	-47.7	99.9	226.4	26.3	17.6	16.8	335.2	999.9	99.9	999.9	34.1	27.
31.4	102.2	11449.5	225.0	-53.7	99.9	230.0	27.1	20.8	17.5	336.3	999.9	99.9	999.9	36.5	28.
33.4	107.4	12187.3	200.0	-59.1	99.9	230.0	25.2	19.3	16.2	339.3	999.9	99.9	999.9	38.6	30.
35.5	113.0	13024.3	175.0	-61.2	99.9	229.6	31.6	24.1	20.5	345.6	999.9	99.9	999.9	42.7	31.
37.8	119.3	13984.6	150.0	-60.2	99.9	227.1	35.8	26.3	24.2	366.3	999.9	99.9	999.9	47.3	33.
40.7	125.8	15121.8	125.0	-61.3	99.9	222.3	30.4	20.5	22.5	384.1	999.9	99.9	999.9	53.8	35.
44.0	133.3	16504.0	100.0	-60.5	99.9	999.9	99.9	99.9	99.9	410.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 28
FT.SILL, OKLAMONA

9 MAY 1979
2305 GMT

124 112. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.6	361.0	960.0	27.6	20.4	160.0	5.0	-1.7	4.7	304.3	347.2	16.0	65.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	999.
0.3	11.6	454.9	950.0	26.5	19.9	154.0	14.6	-6.4	13.1	304.0	346.0	15.6	67.3	0.4	338.
1.0	14.0	689.4	925.0	22.6	17.6	157.5	16.9	-5.7	15.8	302.5	339.7	13.9	73.5	0.9	338.
1.7	16.5	927.3	900.0	21.0	17.9	162.1	16.8	-5.0	15.4	303.1	342.2	14.5	82.7	1.5	338.
2.4	18.9	1170.1	875.0	19.2	16.2	165.6	15.1	-3.7	14.6	303.7	340.0	13.4	83.1	2.1	340.
3.1	21.4	1420.6	850.0	17.9	14.2	169.6	13.7	-2.5	13.5	304.9	337.9	12.1	79.2	2.7	342.
3.9	23.9	1676.1	825.0	16.3	12.9	173.6	13.0	-1.5	13.0	305.8	337.3	11.5	83.4	3.3	343.
4.5	26.4	1937.7	800.0	14.1	11.7	181.7	13.0	0.4	13.0	306.2	336.2	10.9	85.2	3.9	345.
5.4	29.1	2206.1	775.0	15.9	3.3	198.3	18.4	5.9	17.5	310.9	329.1	6.3	43.1	4.6	349.
6.3	31.8	2486.2	750.0	18.3	-11.8	198.7	19.7	6.3	18.6	316.5	323.1	2.1	11.8	5.5	355.
7.2	34.4	2775.3	725.0	17.1	-14.9	196.3	19.8	5.3	18.2	318.2	323.6	1.7	9.8	6.5	359.
8.1	37.2	3072.7	700.0	14.6	-16.6	198.9	20.0	5.8	19.2	318.6	323.5	1.5	10.1	7.5	1.
9.0	40.0	3377.9	675.0	11.6	-18.6	197.5	20.1	6.1	19.2	318.6	322.9	1.3	10.4	8.5	3.
9.9	42.8	3691.0	650.0	8.5	-19.6	199.2	20.8	6.8	19.6	318.6	322.6	1.2	11.6	9.5	5.
10.7	45.6	4013.0	625.0	5.3	-20.7	202.6	20.8	8.0	19.2	318.6	322.4	1.2	13.1	10.5	6.
11.5	48.6	4344.4	600.0	2.2	-22.6	205.5	21.0	9.0	18.9	318.7	322.1	1.0	13.9	11.7	8.
12.7	51.6	4685.9	575.0	-1.0	-23.2	204.7	21.6	9.0	19.6	318.8	322.2	1.0	16.5	12.9	10.
13.5	54.6	5038.2	550.0	-4.4	-26.1	202.4	19.6	7.5	18.2	318.8	321.6	0.8	16.9	14.1	11.
14.7	57.8	5402.2	525.0	-7.7	-27.5	202.3	19.4	7.3	17.9	319.1	321.7	0.8	18.7	15.3	12.
15.9	61.0	5780.7	500.0	-9.3	-33.1	206.4	21.8	9.7	19.5	321.7	323.4	0.5	12.3	16.8	13.
17.0	64.3	6175.3	475.0	-12.2	-35.2	209.2	22.3	10.9	19.5	322.9	324.4	0.4	12.6	18.1	14.
14.1	67.7	6586.4	450.0	-15.2	-37.4	213.7	22.5	12.5	18.7	324.2	325.4	0.3	12.9	19.5	15.
19.1	71.1	7016.1	425.0	-18.1	-39.6	221.0	23.8	15.6	18.0	325.8	326.8	0.3	13.1	20.9	17.
20.3	74.7	7465.3	400.0	-21.7	-41.8	223.4	25.1	17.3	18.2	326.8	327.6	0.2	14.2	22.4	19.
21.4	78.4	7937.8	375.0	-25.6	-43.6	226.1	25.2	18.1	17.4	327.8	328.5	0.2	16.5	24.3	21.
22.3	82.3	8433.7	350.0	-29.5	-45.1	229.2	23.4	17.7	15.3	329.0	329.7	0.2	20.1	26.0	23.
24.3	86.3	8958.4	325.0	-33.4	-48.9	230.3	24.5	18.9	15.7	330.7	331.2	0.1	19.3	27.7	25.
25.7	90.7	9515.6	300.0	-37.7	-52.4	230.1	26.8	20.6	17.2	332.3	332.6	0.1	19.6	29.7	26.
27.2	95.0	10109.1	275.0	-42.6	99.9	231.2	25.1	19.6	15.8	333.5	999.9	99.9	999.9	31.8	28.
28.7	99.8	10744.1	250.0	-48.4	99.9	229.1	26.1	19.7	17.1	334.2	999.9	99.9	999.9	34.0	30.
30.4	104.5	11429.0	225.0	-53.9	99.9	235.0	25.3	20.7	14.5	335.9	999.9	99.9	999.9	36.5	31.
32.1	109.3	12177.0	200.0	-58.6	99.9	237.8	13.4	11.4	7.2	339.9	999.9	99.9	999.9	38.3	33.
34.9	114.3	13039.1	175.0	-60.4	99.9	212.4	22.4	12.0	18.9	340.3	999.9	99.9	999.9	39.9	33.
36.3	124.3	13970.1	150.0	-60.6	99.9	236.4	39.2	32.6	21.7	365.8	999.9	99.9	999.9	43.8	34.
38.1	129.3	15133.5	125.0	-62.5	99.9	999.9	99.9	99.9	99.9	381.9	999.9	99.9	999.9	999.9	999.
39.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 20
FT.SILL, OKLAHOMA

10 MAY 1979
200 GMT

72 350. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.7	361.0	963.0	25.3	19.9	360.0	0.0	0.0	0.0	302.0	343.1	15.4	72.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	11.6	653.3	950.0	24.2	20.0	999.9	99.9	99.9	99.9	301.7	343.6	15.7	77.6	999.9	999.
1.0	14.0	696.7	925.0	22.2	19.4	999.9	99.9	99.9	99.9	302.0	343.3	15.5	84.0	999.9	999.
1.7	16.5	925.2	900.0	20.3	18.7	999.9	99.9	99.9	99.9	302.5	343.3	15.3	90.1	1.9	339.
2.5	19.9	1168.7	875.0	18.6	17.4	164.3	24.0	-6.8	23.5	303.1	341.9	14.4	92.7	2.9	341.
3.2	21.4	1418.2	850.0	17.7	16.1	176.2	23.8	-1.6	23.7	304.7	341.9	13.7	90.3	4.0	344.
4.0	23.9	1673.9	825.0	15.9	14.5	181.1	21.5	0.4	21.5	305.4	340.1	12.7	91.3	5.0	347.
4.9	26.6	1935.2	800.0	13.7	12.6	184.3	18.8	1.4	18.7	305.8	337.6	11.6	92.9	5.9	350.
5.5	29.1	2202.7	775.0	12.7	-6.6	195.0	21.1	5.5	20.4	307.4	336.3	3.0	26.5	6.8	352.
6.5	31.7	2482.1	750.0	10.8	-38.4	201.5	21.7	8.0	20.2	317.0	337.6	0.2	1.0	7.9	356.
7.5	34.3	2771.2	725.0	10.5	-39.8	199.0	23.9	7.8	22.6	317.6	338.2	0.2	1.0	9.2	360.
8.5	37.1	3067.6	700.0	14.1	-41.3	199.7	24.0	8.1	22.6	318.1	338.7	0.1	1.0	10.6	3.
9.6	39.9	3372.0	675.0	11.1	-43.1	203.1	23.4	9.2	21.5	318.1	338.5	0.1	1.0	12.0	5.
10.6	42.7	3684.9	650.0	8.4	-44.8	207.1	23.5	10.7	20.9	318.5	338.9	0.1	1.0	13.3	7.
11.6	45.6	4006.7	625.0	5.4	-40.9	210.3	23.0	11.6	19.9	318.6	339.3	0.2	1.9	14.7	9.
12.6	48.4	4338.0	600.0	2.4	-43.1	209.2	25.8	12.6	22.5	318.9	339.6	0.2	2.5	16.0	11.
13.6	51.4	4680.3	575.0	0.6	-49.6	210.5	24.7	12.6	21.3	320.7	340.9	0.1	1.0	17.6	13.
14.5	54.5	5034.7	550.0	-2.2	-51.3	207.7	23.5	11.0	20.8	321.5	341.7	0.1	1.0	19.1	14.
16.2	57.6	5401.6	525.0	-5.3	-53.3	209.3	23.6	11.6	20.5	322.0	342.2	0.0	1.0	20.8	15.
17.1	60.8	5782.8	500.0	-7.6	-54.7	218.3	22.2	13.7	17.4	323.8	344.0	0.0	1.0	22.3	16.
18.3	64.3	6179.3	475.0	-10.9	-56.8	222.2	22.2	14.9	16.5	324.5	344.7	0.0	1.0	23.7	18.
19.6	67.6	6592.1	450.0	-14.3	-42.1	223.5	22.6	15.5	16.4	325.3	346.0	0.2	7.3	25.2	20.
20.8	70.9	7023.3	425.0	-16.1	-46.7	224.1	21.9	15.2	15.7	327.3	347.8	0.1	5.5	26.8	21.
22.2	74.4	7475.7	400.0	-20.3	-50.1	999.9	99.9	99.9	99.9	328.6	349.0	0.1	5.0	28.4	22.
23.5	9.1	7949.3	375.0	-24.5	-52.5	999.9	99.9	99.9	99.9	329.1	349.4	0.1	5.4	999.9	999.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	9.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	.9	99.	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	9.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 20
FT.SILL, OKLAHOMA

10 MAY 1979
500 GMT

128 94. 0

TIME MIN	CNTLT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	10.7	361.0	981.0	23.8	20.3	150.0	12.0	-6.0	10.4	300.4	342.3	15.9	81.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	11.5	662.0	950.0	22.6	20.5	153.4	17.7	-7.9	15.9	300.1	343.1	16.3	85.2	0.3	339.
1.1	12.4	694.5	925.0	21.0	20.3	158.2	17.8	-6.3	15.8	300.8	344.5	16.5	95.9	0.9	336.
1.9	14.2	932.1	900.0	19.6	19.2	166.3	21.5	-5.1	20.9	301.7	343.8	15.8	97.5	1.7	339.
2.6	16.5	1175.3	875.0	17.7	17.4	171.0	24.7	-3.9	24.4	302.2	343.9	14.4	97.5	2.8	343.
3.3	21.0	1423.2	850.0	15.8	15.4	175.5	24.6	-1.9	24.5	304.7	339.0	13.1	97.2	3.8	346.
4.0	23.4	1677.6	825.0	14.5	14.1	181.7	23.5	0.7	23.5	303.9	337.4	12.4	97.2	4.9	348.
4.9	25.9	1938.2	800.0	13.2	12.9	183.5	23.7	1.5	23.6	305.2	337.2	11.7	97.4	6.0	351.
5.8	28.4	2205.2	775.0	11.3	9.2	191.8	19.9	4.1	19.5	305.9	332.6	9.6	87.9	7.3	354.
6.6	30.9	2480.2	750.0	10.7	-35.2	200.6	19.3	6.8	18.1	312.6	313.4	0.3	1.8	8.8	356.
7.3	33.5	2766.8	725.0	10.9	-40.8	203.4	23.4	9.3	21.5	315.9	316.4	0.1	1.0	9.8	359.
8.2	36.1	3062.1	700.0	13.2	-41.8	203.0	25.2	10.1	23.1	317.1	317.6	0.1	1.0	10.1	2.
9.1	38.8	3366.1	675.0	10.9	-43.3	202.8	27.4	10.6	25.3	317.8	318.3	0.1	1.0	11.5	5.
10.2	41.6	3678.9	650.0	8.1	-44.9	206.8	26.9	11.2	22.3	318.2	318.5	0.1	1.0	13.1	7.
11.3	44.3	4000.6	625.0	5.4	-46.5	207.0	27.6	12.5	24.6	318.6	319.0	0.1	1.0	14.7	9.
12.2	47.1	4331.7	600.0	2.7	-48.3	208.1	30.9	14.5	27.3	319.2	319.5	0.1	1.0	16.3	11.
13.2	50.0	4673.4	575.0	-0.2	-50.1	213.0	29.1	15.9	24.4	319.8	320.1	0.1	1.0	18.0	13.
14.4	53.0	5027.3	550.0	-2.7	-51.6	216.4	24.8	14.7	20.0	320.9	321.1	0.1	1.0	19.7	15.
15.6	56.0	5396.2	525.0	-4.8	-53.0	216.3	22.9	13.6	18.5	322.6	322.8	0.1	1.0	21.1	17.
16.3	59.1	5775.5	500.0	-8.3	-35.4	216.1	21.3	13.1	16.7	323.0	324.3	0.4	9.1	22.2	18.
17.4	62.3	6171.1	475.0	-11.6	-33.5	220.1	23.8	15.3	18.2	323.7	325.3	0.5	14.2	23.5	19.
18.5	65.6	6593.2	450.0	-14.3	-37.9	220.9	22.5	14.8	17.0	325.3	326.4	0.3	11.3	24.9	20.
19.5	69.2	7014.1	425.0	-17.7	-41.9	217.2	21.1	12.8	16.8	326.3	327.2	0.2	9.9	26.3	21.
20.8	72.8	7465.2	400.0	-20.8	-48.4	213.9	19.3	12.4	14.5	328.0	328.4	0.1	6.4	27.8	22.
22.3	76.0	7933.7	375.0	-24.0	-52.2	215.3	18.2	11.4	14.9	329.8	330.2	0.1	5.3	29.4	23.
23.3	79.7	8430.1	350.0	-29.5	-56.9	220.8	23.7	15.5	17.9	330.4	330.6	0.1	5.8	31.2	24.
24.8	83.5	8964.5	325.0	-32.3	-57.4	221.6	24.2	16.1	18.1	331.9	332.1	0.0	6.3	33.0	25.
26.2	87.5	9524.1	300.0	-36.5	-59.7	221.3	25.0	16.9	19.3	333.9	334.0	0.0	7.0	35.2	26.
27.4	91.5	10129.7	275.0	-41.5	99.9	221.4	25.2	16.7	18.9	335.2	999.9	99.9	999.9	37.7	27.
29.7	96.3	10759.9	250.0	-46.9	99.9	229.5	27.0	20.5	17.5	336.3	999.9	99.9	999.9	40.5	28.
31.6	101.0	11449.5	225.0	-52.1	99.9	244.1	23.6	21.3	10.3	338.7	999.9	99.9	999.9	43.0	30.
33.4	106.0	12206.2	200.0	-55.1	99.9	243.2	26.1	23.3	11.8	345.6	999.9	99.9	999.9	45.1	32.
35.1	111.6	13065.9	175.0	-62.2	99.9	259.5	24.7	24.3	6.5	347.4	999.9	99.9	999.9	47.6	34.
36.4	117.8	14097.3	150.0	-66.0	99.9	277.9	12.2	12.1	-1.7	353.4	999.9	99.9	999.9	47.9	35.
37.3	124.2	15297.3	125.0	-67.6	99.9	213.0	26.9	14.6	22.5	372.6	999.9	99.9	999.9	50.3	35.
41.9	132.2	16433.9	103.0	-68.7	999.9	99.9	99.9	99.9	99.9	402.7	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* FF SPEED MEANS ELEVATION ANGLE B TWEEN 6 AND 10 DEG
* T TEMP MEANS TEMPERATURE GA TIN AVE BEEN INTERPOLATED
** FF SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 20
FT. SILL, OKLAHOMA

10 MAY 1979
800 GMT

120 90. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.0	361.0	961.7	24.1	21.0	180 0	0.0	0.0	0.0	300.6	344.4	16.6	83.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	11.0	668.4	950.0	22.9	20.9	173.2	10.9	-1.3	10.8	300.4	344.3	16.6	88.2	0.4	352.
1.2	13.5	701.2	925.0	21.1	19.3	179.3	14.1	-0.2	14.1	300.8	341.9	15.5	89.8	0.9	354.
2.0	15.9	934.7	900.0	19.7	17.9	188.1	18.2	2.6	18.0	301.8	340.5	14.5	89.3	1.6	358.
2.9	18.2	1182.0	875.0	18.8	16.1	196.9	20.8	6.0	19.9	303.3	339.2	13.3	84.3	2.7	4.
4.1	20.7	1431.0	850.0	17.0	14.9	204.9	21.5	9.0	19.5	304.0	338.4	12.7	87.4	4.2	10.
5.2	23.1	1685.9	825.0	15.5	13.6	213.1	20.4	11.2	17.1	304.9	337.7	12.0	88.9	5.6	15.
6.4	25.7	1947.6	800.0	14.2	12.3	218.3	20.6	12.8	16.2	306.3	337.7	11.4	88.4	7.0	20.
7.6	28.2	2215.6	775.0	12.8	10.6	220.2	20.0	12.9	15.2	307.6	336.6	10.4	86.2	8.3	23.
8.8	30.8	2491.8	750.0	11.0	7.3	221.5	20.1	13.3	15.1	310.7	335.2	8.6	68.4	9.3	25.
9.7	33.3	2776.2	725.0	10.7	4.8	222.6	21.0	14.2	15.5	311.3	332.7	7.5	66.8	10.5	27.
10.9	36.1	3068.1	700.0	8.4	3.3	223.9	21.1	14.7	15.2	311.8	331.9	7.0	70.0	12.2	29.
12.3	38.9	3368.3	675.0	6.4	1.1	224.8	20.2	14.2	14.3	312.8	330.8	6.2	69.1	13.5	31.
13.2	41.7	3678.5	650.0	7.0	-13.5	219.3	17.2	10.5	13.3	316.9	325.1	2.6	27.4	14.9	32.
14.6	44.5	3999.3	625.0	4.3	-13.8	215.4	18.5	10.7	15.0	317.3	324.0	2.1	25.3	16.3	32.
15.7	47.3	4329.4	600.0	1.9	-17.8	209.1	20.4	9.9	17.9	318.3	323.9	1.6	21.4	17.6	32.
16.9	50.3	4671.1	575.0	-0.7	-25.9	204.3	21.9	9.0	20.0	319.2	322.0	0.8	12.9	19.2	32.
18.3	53.3	5026.9	550.0	-2.6	-27.8	206.5	20.7	8.6	18.9	321.0	323.4	0.7	12.3	20.5	31.
19.0	56.4	5392.0	525.0	-5.4	-29.7	203.3	21.4	8.5	19.7	322.0	324.1	0.6	12.6	21.8	31.
20.3	59.5	5772.6	500.0	-8.5	-30.9	208.9	20.1	9.7	17.6	322.7	324.8	0.6	14.5	23.1	30.
21.2	62.8	6168.3	475.0	-11.3	-29.5	215.1	20.5	11.8	16.7	323.9	326.6	0.8	22.5	24.5	31.
22.3	66.1	6590.5	450.0	-14.9	-33.3	211.5	21.7	11.3	18.5	325.6	327.4	0.5	17.6	25.8	31.
23.5	69.6	7011.5	425.0	-17.6	-36.8	209.7	23.5	11.7	20.5	326.4	327.8	0.4	16.8	27.6	31.
25.1	73.1	7462.8	400.0	-20.2	-41.3	210.4	23.4	11.8	20.2	328.7	329.6	0.3	13.2	29.6	31.
26.7	76.7	7938.2	375.0	-23.7	-44.9	209.7	25.5	12.6	22.1	330.2	330.9	0.2	12.1	32.1	31.
28.2	80.6	8437.6	350.0	-28.4	-47.4	213.3	23.9	13.1	20.8	330.5	331.0	0.1	14.1	34.3	31.
29.6	84.5	8963.9	325.0	-32.5	-50.6	215.2	23.0	13.3	18.8	331.8	332.3	0.1	14.5	36.3	31.
31.1	88.7	9523.3	300.0	-36.8	-53.9	216.1	23.2	13.7	18.7	333.5	333.9	0.1	14.9	38.3	31.
32.6	93.0	10119.1	275.0	-41 5	99.9	213.8	23.5	13.0	19.5	335.1	999.9	99.9	999.9	40.3	31.
34.4	97.4	10758.4	250.0	-47.2	99.9	213.2	22.4	12.3	18.7	336.0	999.9	99.9	999.9	43.0	31.
36.6	102.4	11448.1	225.0	-51.8	99.9	219.1	22.9	14.5	17.8	339.1	999.9	99.9	999.9	45.7	32.
38.7	107.5	12201.5	200.0	-57.4	99.9	229.4	22.9	17.3	14.9	341.8	999.9	99.9	999.9	49.0	32.
40.7	113.3	13042.5	175.0	-61.0	99.9	211.8	7.3	3.9	6.2	349.3	999.9	99.9	999.9	50.4	33.
42.3	119.5	13988.9	150.0	-64.8	99.9	220.4	13.9	9.8	10.6	358.5	999.9	99.9	999.9	51.2	33.
44.4	126.5	15095.5	125.0	-66.4	99.9	999.9	99.9	99.9	99.9	374.8	999.9	99.9	999.9	53.6	34.
46.9	133.8	16441.2	100.0	-66.0	99.9	999.9	99.9	99.9	99.9	400.2	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 28
FT.SILL, OKLAHOMA

10 MAY 1979
1105 GMT

127 92. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.0	[illegible]	962.2	22.1	20.4	160.0	6.0	-2.1	5.6	290.5	340.2	15.9	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	11.1	472.7	950.0	22.4	20.9	168.3	[illegible]	-2.9	14.0	299.9	343.7	16.6	91.0	0.3	342.
1.1	13.4	705.6	925.0	21.8	20.1	175.7	17.3	-1.3	17.3	301.6	344.9	16.3	90.0	0.9	347.
1.9	15.8	944.2	900.0	20.8	19.1	188.6	16.3	2.4	16.1	302.9	344.8	15.7	89.9	1.8	355.
2.8	18.2	1188.3	875.0	19.1	17.6	200.[illegible]	14.2	5.1	13.2	303.7	343.2	14.7	91.1	2.5	1.
3.6	20.6	1438.[illegible]	850.0	18.1	17.0	209.7	14.2	7.1	12.4	305.2	344.6	14.6	93.3	3.1	6.
4.3	23.1	1694.4	825.0	17.1	15.8	215.3	15.0	8.7	12.2	306.7	346.4	13.8	92.0	3.7	11.
5.1	25.6	1957.1	800.0	15.3	14.0	221.7	15.9	10.3	11.6	307.4	342.3	12.7	92.0	4.4	15.
6.1	28.1	2225.5	775.0	13.3	12.0	225.2	15.6	11.1	11.0	308.1	340.0	11.5	91.8	5.2	20.
7.2	30.7	2502.7	750.0	11.4	10.3	222.8	15.5	10.5	11.4	309.0	338.6	10.6	92.8	6.1	24.
8.0	33.2	2786.2	725.0	9.6	8.7	219.4	15.2	9.7	11.8	310.2	337.8	9.8	92.6	6.8	26.
8.9	35.9	3077.7	700.0	8.2	7.1	221.7	16.6	11.1	12.4	311.6	337.5	9.1	92.8	7.6	27.
9.7	38.6	3378.2	675.0	6.6	5.6	222.5	19.4	13.0	14.4	313.0	337.6	8.5	93.4	8.4	29.
10.5	41.3	3687.1	650.0	4.3	-6.6	219.5	21.4	12.5	17.4	313.9	324.8	3.6	44.8	9.5	30.
11.6	44.2	4006.9	625.0	2.0	-7.9	216.1	21.8	12.2	18.1	315.9	326.2	3.4	44.6	10.9	30.
12.9	47.1	4335.1	600.0	0.3	-25.4	216.7	20.9	12.5	16.[illegible]	318.5	319.2	0.8	12.4	12.5	31.
14.0	50.0	4674.3	575.0	-1.7	-27.6	218.2	22.4	13.8	17.6	318.0	320.4	0.7	11.6	14.0	32.
15.3	53.0	5027.9	550.0	-2.4	-51.5	216.8	26.7	16.0	21.4	321.2	321.4	0.1	1.6	15.8	33.
16.4	56.1	5396.6	525.0	-5.4	-53.4	214.2	28.2	15.9	23.3	321.9	322.1	0.0	1.0	17.8	33.
17.7	59.3	5775.4	500.0	-8.4	-55.2	215.7	25.9	15.1	21.0	322.8	323.0	0.0	1.0	19.[illegible]	33.
19.1	62.6	6170.8	475.0	-11.8	-63.5	219.8	26.5	18.2	21.9	323.3	324.0	0.2	5.3	22.0	33.
20.5	65.7	6582.1	450.0	-16.8	-21.1	224.2	29.5	20.6	21.1	324.6	329.8	1.6	59.1	24.4	34.
21.9	69.1	7015.0	425.0	-15.4	-59.7	218.8	27.0	[illegible].9	21.0	329.2	329.3	0.0	1.0	26.7	35.
23.3	72.5	7469.1	400.0	-19.5	-55.0	211.9	27.4	14.6	23.5	329.7	330.0	0.1	3.2	29.0	35.
24.9	76.3	7946.2	375.0	-24.2	-36.1	212.4	29.5	15.8	24.9	329.6	331.6	0.6	39.7	31.9	35.
26.5	80.0	8443.7	350.0	-28.2	-33.5	216.3	29.7	17.6	23.9	330.8	333.[illegible]	0.6	60.1	34.6	35.
28.1	84.0	8970.8	325.0	-32.7	-38.4	217.6	29.2	17.8	23.2	331.7	333.2	0.4	56.4	37.5	35.
30.1	88.0	9539.7	300.0	-36.7	-45.4	214.9	26.2	15.0	21.5	333.7	334.5	0.2	59.4	40.8	35.
32.0	92.2	10126.4	275.0	-41.6	99.9	210.7	21.7	11.1	18.7	336.9	999.9	99.9	999.9	43.5	35.
34.1	96.7	10765.5	250.0	-47.0	99.9	207.4	23.3	10.7	20.7	338.3	999.9	99.9	999.9	46.3	34.
36.[illegible]	101.6	11459.4	225.0	-52.9	99.9	210.4	24.1	12.2	20.8	337.5	999.9	99.9	999.9	49.5	34.
38.4	106.6	12200.[illegible]	200.0	-59.9	99.9	213.3	26.8	14.7	21.4	337.9	999.9	99.9	999.9	52.6	34.
40.5	112.	13022.7	175.0	-65.4	99.9	224.7	29.9	21.7	20.5	342.8	999.9	99.9	999.9	55.9	34.
43.4	118.9	13974.9	150.0	-61.1	99.9	232.7	33.6	26.7	20.3	364.8	999.9	99.9	999.9	61.5	36.
47.0	124.8	15099.1	125.0	-63.9	99.9	219.3	38.1	19.8	23.3	379.3	999.9	99.9	999.9	68.1	37.
51.5	132.3	16470.7	100.0	-61.6	99.9	999.9	99.9	99.9	99.9	408.7	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 29
GAGE, OKLAMONA

* MAY 1979
1105 GMT

:3 98. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	83.5	578.0	922.4	20.0	16.8	190.0	5.1	0.9	5.0	300.0	335.2	13.2	82.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	15.6	891.1	900.0	19.9	18.0	999.9	99.9	99.9	99.9	302.1	341.2	14.7	88.8	999.9	999.
1.3	18.1	1134.2	875.0	17.7	16.7	999.9	99.9	99.9	99.9	302.2	339.2	13.8	93.4	999.9	999.
2.1	20.6	1382.6	850.0	15.9	15.1	207.9	24.9	11.6	22.0	302.8	337.4	12.8	94.8	2.4	10.
2.9	23.2	1637.0	825.0	15.5	14.0	217.7	27.5	16.8	21.7	305.0	338.5	12.3	90.3	3.6	18.
3.9	25.8	1898.9	800.0	15.5	8.5	224.9	27.7	19.5	19.6	307.7	332.3	8.8	63.2	5.0	25.
4.9	28.3	2169.7	775.0	17.7	4.6	220.7	29.9	19.5	22.6	312.9	332.9	6.9	41.7	6.7	30.
5.9	31.0	2446.0	750.0	16.3	3.5	215.5	27.7	16.1	22.6	314.3	333.6	6.6	42.4	8.6	32.
7.0	33.7	2735.8	725.0	13.9	2.1	212.0	28.7	15.2	24.4	313.7	331.7	6.2	47.4	10.4	32.
8.2	36.4	3029.6	700.0	10.9	-3.8	208.7	26.6	12.8	23.3	314.6	327.0	4.1	35.3	12.4	32.
9.5	39.2	3332.0	675.0	9.8	-13.5	205.4	26.3*	11.3	23.8	316.6	322.9	2.0	17.8	14.5	31.
11.1	42.1	3643.7	650.0	7.5	-20.3	203.1	25.5*	10.0	23.4	317.4	321.3	1.2	11.7	16.8	30.
12.4	44.9	3964.7	625.0	4.8	-23.2	203.9	26.3*	10.7	24.0	317.9	321.1	0.9	11.0	19.0	29.
13.8	48.0	4295.8	600.0	1.8	-23.3	202.7	27.1*	10.4	25.0	318.2	321.5	1.0	13.4	21.1	29.
15.0	51.0	4636.9	575.0	-1.6	-23.5	204.1	23.0*	9.4	21.0	318.2	321.5	1.0	16.8	23.0	28.
16.4	54.1	4989.1	550.0	-4.5	-24.2	206.5	24.1*	10.8	21.6	318.7	322.0	1.0	19.7	24.9	28.
17.8	57.3	5353.8	525.0	-6.9	-24.3	202.9	23.2*	9.0	21.4	320.1	323.5	1.0	23.4	27.0	28.
19.4	60.5	5732.6	500.0	-9.9	-22.4	197.2	23.2*	8.8	22.1	321.0	325.2	1.3	35.2	29.1	27.
21.3	63.9	6126.1	475.0	-12.7	-22.1	196.4	24.7*	7.0	23.7	322.3	326.8	1.4	45.2	31.9	26.
23.2	67.3	6536.3	450.0	-15.9	-23.2	202.6	25.0*	9.6	23.1	323.2	327.6	1.3	53.3	34.7	26.
25.3	70.9	6964.3	425.0	-19.8	-26.0	206.2	23.9*	10.6	21.4	323.6	327.2	1.1	57.5	37.3	26.
26.8	74.4	7411.5	400.0	-22.9	-28.6	209.9	27.5*	13.7	23.9	325.3	328.3	0.9	59.4	39.9	26.
28.3	78.3	7882.7	375.0	-25.9	-37.1	216.7	27.6*	16.5	22.1	327.4	328.8	0.4	33.8	42.6	26.
30.5	82.1	8379.3	350.0	-29.1	-39.4	214.9	27.5*	15.8	22.6	329.5	330.8	0.4	36.0	46.2	27.
33.5	86.2	8904.7	325.0	-33.5	-49.4	214.1	24.9*	14.0	20.7	330.5	331.0	0.1	18.4	50.5	28.
36.5	90.5	9461.3	300.0	-38.4	-51.1	215.7	29.6*	17.2	24.0	331.3	331.7	0.1	24.6	55.4	28.
39.8	95.0	10052.5	275.0	-43.3	99.9	226.2	28.4*	20.5	19.7	332.5	999.9	99.9	999.9	59.3	29.
41.3	99.6	10686.8	250.0	-48.5	99.9	225.8	35.1*	25.2	24.5	333.9	999.9	99.9	999.9	63.8	30.
44.1	104.6	11370.6	225.0	-54.5	99.9	222.9	40.1*	27.3	29.3	335.0	999.9	99.9	999.9	69.3	32.
46.3	109.8	12117.1	200.0	-59.7	99.9	221.7	36.6*	24.4	27.4	339.9	999.9	99.9	999.9	79.4	33.
51.3	115.8	12950.1	175.0	-61.9	99.9	221.2	37.6*	24.8	28.3	347.8	999.9	99.9	999.9	88.1	33.
54.7	121.8	13899.2	150.0	-61.3	99.9	227.1	33.0*	24.2	22.5	364.5	999.9	99.9	999.9	93.7	35.
60.5	128.7	15034.5	125.0	-60.4	99.9	227.7	26.6*	19.7	17.9	385.6	999.9	99.9	999.9	103.4	35.
67.4	136.3	16426.0	100.0	-59.1	99.9	999.9	99.9	99.9	99.9	413.5	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 29
GAGE, OKLAHOMA

9 MAY 1979
1410 GMT

122 99. 0

TIME MIN	CHECK	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.3	678.0	923.5	22.3	17.4	170.0	10.3	-1.8	10.1	302.3	339.1	13.7	74.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.9	17.3	899.6	900.0	18.5	99.9	186.5	15.6	1.8	15.5	300.6	999.9	99.9	999.9	0.7	354.
1.9	19.6	1139.6	875.0	17.2	99.9	201.8	18.2	6.8	16.9	301.7	999.9	99.9	999.9	1.7	4.
2.9	22.1	1385.8	850.0	17.0	99.9	222.2	18.5	12.4	13.7	304.0	999.9	99.9	999.9	2.7	16.
3.9	24.5	1639.3	825.0	15.9	99.9	237.2	17.9	15.0	9.7	305.4	999.9	99.9	999.9	3.8	26.
5.1	27.0	1899.1	800.0	15.0	99.9	244.3	17.0	15.3	7.4	307.1	999.9	99.9	999.9	4.7	35.
6.2	29.5	2166.1	775.0	12.7	99.9	239.5	18.4	15.9	9.4	307.5	999.9	99.9	999.9	5.8	40.
7.3	32.0	2439.7	750.0	11.3	99.9	226.1	13.5	9.7	9.4	308.9	999.9	99.9	999.9	6.9	43.
8.5	34.6	2723.1	725.0	12.4	99.9	205.1	14.5	6.2	13.2	313.0	999.9	99.9	999.9	7.7	42.
9.7	37.2	3015.9	700.0	11.7	99.9	205.3	19.8	8.4	17.9	315.4	999.9	99.9	999.9	8.9	39.
11.0	39.9	3318.4	675.0	10.4	99.9	209.4	25.8	12.7	22.5	317.3	999.9	99.9	999.9	10.7	37.
12.6	42.6	3631.0	650.0	8.7	99.9	208.9	28.4	13.7	24.9	318.8	999.9	99.9	999.9	13.3	36.
14.1	45.4	3953.1	625.0	5.6	99.9	206.0	28.8	12.6	25.9	318.9	999.9	99.9	999.9	15.8	34.
15.5	48.1	4284.5	600.0	2.7	99.9	202.0	30.0	11.3	27.8	319.2	999.9	99.9	999.9	18.3	33.
17.1	51.2	4626.0	575.0	-1.1	99.9	196.9	28.5	8.3	27.3	318.7	999.9	99.9	999.9	21.1	31.
18.6	54.1	4978.6	550.0	-3.6	99.9	203.1	34.4	13.5	31.7	319.9	999.9	99.9	999.9	23.6	30.
19.6	57.1	5344.1	525.0	-6.3	99.9	206.1	33.4*	14.7	30.0	320.9	999.9	99.9	999.9	25.7	29.
21.1	60.3	5723.0	500.0	-9.8	99.9	202.9	28.8*	11.2	26.5	321.1	999.9	99.9	999.9	28.5	29.
23.0	63.5	6116.7	475.0	-12.8	99.9	206.2	32.6*	14.4	29.2	322.4	999.9	99.9	999.9	31.8	28.
24.6	66.9	6526.7	450.0	-16.0	99.9	209.9	32.4*	16.1	28.1	323.2	999.9	99.9	999.9	35.0	28.
26.2	70.1	6954.5	425.0	-19.5	99.9	208.8	28.0*	13.5	24.5	324.0	999.9	99.9	999.9	38.0	28.
28.3	73.7	7401.1	400.0	-23.2	99.9	209.6	26.6*	13.1	23.1	324.8	999.9	99.9	999.9	40.7	29.
29.8	77.3	7870.0	375.0	-26.5	99.9	214.7	26.3*	15.0	21.6	326.5	999.9	99.9	999.9	43.8	29.
32.1	81.2	8364.9	350.0	-29.9	99.9	216.0	27.8*	16.3	22.5	328.4	999.9	99.9	999.9	47.1	29.
34.4	85.2	8889.4	325.0	-34.0	99.9	214.9	28.2*	16.1	23.1	329.9	999.9	99.9	999.9	51.0	30.
36.7	89.2	9445.2	300.0	-38.1	99.9	217.2	30.6*	18.5	24.3	331.7	999.9	99.9	999.9	55.0	30.
39.2	93.6	10036.8	275.0	-43.7	99.9	217.5	36.0*	21.9	28.5	331.9	999.9	99.9	999.9	59.9	31.
41.8	98.2	10670.1	250.0	-49.2	99.9	218.5	36.1*	21.5	29.0	332.9	999.9	99.9	999.9	65.7	31.
44.7	103.2	11352.3	225.0	-55.2	99.9	217.4	35.1*	21.3	27.9	334.0	999.9	99.9	999.9	72.0	32.
47.9	108.4	12074.2	200.0	-61.1	99.9	223.4	35.9*	24.7	26.0	336.1	999.9	99.9	999.9	78.2	32.
51.3	114.0	12819.6	175.0	-66.7	99.9	227.8	38.3*	28.3	25.7	339.7	999.9	99.9	999.9	86.2	34.
55.1	120.5	13685.0	150.0	-58.4	99.9	218.1	32.7*	20.2	25.7	369.4	999.9	99.9	999.9	94.4	35.
59.5	127.7	15225.9	125.0	-62.1	99.9	219.2	27.3*	17.3	21.2	382.6	999.9	99.9	999.9	102.5	35.
65.6	135.7	16439.9	100.0	-62.4	99.9	999.9	99.9	99.9	99.9	407.1	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 29
GAGE, OKLAHOMA

9 MAY 1979
1705 GMT

112 98. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP D C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.9	678.0	924.8	22.2	15.8	330.0	3.6	1.8	-3.1	302.0	335.2	12.3	67.0	0.0	0.
999.9	999.9	999.9	1000.0	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.
999.9	999.9	999.9	975.0	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.
999.9	999.9	999.9	950.0	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.
999.9	999.9	999.9	925.0	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.9	999.
0.9	14.1	712.4	900.0	17.8	15.3	999.9	999.9	999.9	999.9	299.9	332.7	12.3	85.1	999.9	999.
1.8	16.3	1154.7	875.0	16.9	15.9	999.9	999.9	999.9	999.9	301.4	336.5	13.1	93.9	0.2	134.
2.8	18.6	1402.7	850.0	15.9	15.3	194.7	9.3	3.0	8.8	302.9	337.8	13.0	95.8	0.3	62.
3.1	20.9	1657.2	825.0	14.5	13.9	201.7	10.6	3.9	9.9	304.0	337.1	12.2	95.7	0.7	37.
3.9	23.2	1918.1	800.0	13.5	12.4	205.1	11.0	4.7	10.0	305.6	337.0	11.5	93.2	1.1	31.
4.9	25.5	2185.2	775.0	11.4	8.6	213.2	11.6	6.3	9.7	306.1	331.4	9.1	82.9	1.8	30.
5.8	27.9	2459.6	750.0	10.3	7.4	213.6	12.9	7.1	10.7	307.7	332.0	8.7	82.3	2.5	31.
6.8	30.3	2741.5	725.0	9.8	-6.0	210.2	16.9	8.5	14.6	310.2	320.7	3.5	34.5	3.4	32.
7.8	32.8	3033.1	700.0	9.5	-15.1	201.7	19.8	7.3	18.4	313.0	318.3	1.7	19.9	4.5	30.
8.4	35.3	3333.6	675.0	8.2	-16.6	199.9	23.7	8.0	22.3	314.9	319.8	1.5	15.3	5.8	28.
9.4	37.9	3643.5	650.0	5.7	-18.7	200.4	27.4	9.6	25.7	315.4	319.7	1.3	13.3	7.2	26.
10.4	40.6	3963.4	625.0	4.3	-23.5	201.3	30.9	11.2	28.8	317.3	320.4	0.9	11.0	9.3	25.
12.3	43.3	4293.4	600.0	1.4	-30.9	202.0	31.1	11.7	28.8	317.7	319.4	0.5	6.8	11.9	24.
13.7	45.9	4634.5	575.0	-1.2	-32.5	197.9	31.3	9.6	29.7	318.6	320.1	0.4	7.1	14.4	24.
15.3	48.5	4986.9	550.0	-4.2	-29.4	194.8	33.7	8.6	32.6	319.1	321.2	0.6	11.8	17.0	22.
16.3	51.3	5351.2	525.0	-7.3	-32.0	200.2	32.0	11.1	30.0	319.7	321.4	0.5	11.8	19.7	22.
17.7	54.2	5729.7	500.0	-9.8	-35.9	203.9	29.4	11.9	26.8	321.2	322.4	0.4	9.8	22.1	22.
19.1	57.1	6122.9	475.0	-12.6	-31.5	206.1	29.8	13.1	26.8	322.4	324.4	0.6	19.2	24.6	22.
20.4	60.2	6533.0	450.0	-16.1	-26.2	208.6	31.2	14.9	27.4	323.0	326.4	1.0	41.4	27.6	23.
22.3	63.3	6963.5	425.0	-19.7	-27.2	210.3	29.2	14.7	25.2	323.7	327.0	1.0	51.2	30.4	23.
23.4	66.5	7407.9	400.0	-22.7	-34.4	211.6	32.5	17.0	27.7	325.4	327.3	0.5	33.3	33.1	24.
25.4	69.9	7870.7	375.0	-25.5	-41.0	210.7	33.3	17.0	28.6	327.8	328.9	0.3	21.7	36.3	25.
26.4	73.3	8375.8	350.0	-28.8	-46.7	211.9	33.2	17.5	28.2	329.9	330.5	0.2	16.3	39.2	25.
28.5	76.9	8901.1	325.0	-33.5	-55.1	214.8	34.0	19.4	27.9	330.5	330.7	0.1	9.3	42.5	26.
30.3	80.5	9457.3	300.0	-39.5	-56.7	217.8	35.0	21.5	27.7	331.1	331.4	0.1	12.5	45.8	27.
32.8	84.5	10049.4	275.0	-44.0	99.9	219.9	33.7	21.6	25.8	331.6	999.9	99.9	999.9	53.2	28.
34.7	88.7	10693.4	250.0	-48.8	99.9	218.0	35.7*	22.0	28.1	333.5	999.9	99.9	999.9	56.9	29.
37.6	93.3	11363.8	225.0	-54.9	99.9	216.5	41.6**	24.7	33.5	334.3	999.9	99.9	999.9	60.8	29.
40.2	97.7	12037.2	200.0	-60.3	99.9	224.4	38.6**	27.0	27.6	337.3	999.9	99.9	999.9	67.4	30.
43.6	102.8	12730.5	175.0	-61.4	99.9	226.8	41.3*	30.1	28.2	340.6	999.9	99.9	999.9	74.8	32.
47.2	108.3	13499.8	150.0	-56.9	99.9	220.3	27.8**	18.0	21.2	372.0	999.9	99.9	999.9	82.7	33.
51.6	114.5	15245.1	125.0	-60.5	99.9	218.8	31.8**	20.0	24.8	385.4	999.9	99.9	999.9	90.5	34.
57.2	121.3	16429.5	100.0	-62.4	99.9	999.9	99.9	99.9	99.9	407.2	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 29
GAGE. OKLAMONA

9 MAY 1979
2011 GMT

110 100. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.2	678.0	923.7	23.7	14.7	360.0	2.6	0.0	-2.6	303.7	334.9	11.5	57.0	0.0	0.
99.9	99.9	99.9	1300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.9	16.3	904.4	900.0	21.2	15.3	66.6	4.1	-3.8	-1.6	303.4	336.5	12.3	68.8	0.6	211.
2.1	18.5	1168.2	875.0	19.3	15.2	102.2	5.0	-4.9	1.1	303.8	337.7	12.5	77.2	0.9	226.
3.3	20.6	1397.5	850.0	17.8	14.6	153.6	8.9	-3.9	8.0	304.8	339.7	12.4	81.6	0.3	248.
4.1	22.9	1553.9	825.0	17.6	13.7	168.8	12.9	-2.5	12.7	307.2	340.5	12.1	78.0	1.1	287.
5.1	25.2	1817.0	800.0	15.7	11.8	177.7	14.4	-0.6	14.4	307.9	338.4	11.0	77.5	1.6	316.
5.9	27.5	2186.0	775.0	13.6	11.1	182.6	13.9	0.6	13.9	308.5	338.5	10.8	84.6	2.2	329.
6.4	29.9	2452.3	750.0	11.0	9.9	196.5	13.9	3.9	13.3	308.5	337.2	10.3	92.8	2.8	338.
7.9	32.3	2745.2	725.0	9.1	7.8	202.0	15.6	5.8	14.4	309.4	335.5	9.3	92.0	3.5	348.
8.8	34.7	3035.7	700.0	7.4	4.5	197.1	19.2	5.6	18.3	310.7	332.4	7.6	81.8	4.4	355.
10.0	37.2	3335.4	675.0	6.8	-13.3	999.9	99.9	99.9	99.9	313.2	319.6	2.0	22.3	999.9	999.
11.1	39.7	3644.9	650.0	5.3	99.9	999.9	99.9	99.9	99.9	315.6	999.9	99.9	999.9	999.9	999.
12.2	42.3	3964.1	625.0	3.4	99.9	999.9	99.9	99.9	99.9	316.3	999.9	99.9	999.9	999.9	999.
13.8	44.9	4293.8	600.0	1.2	-25.6	999.9	99.9	99.9	99.9	317.6	320.2	0.8	11.3	999.9	999.
14.5	47.4	4634.2	575.0	-1.1	-27.3	999.9	99.9	99.9	99.9	318.7	321.1	0.7	11.5	999.9	999.
15.7	50.3	4986.3	550.0	-3.8	-27.0	999.9	99.9	99.9	99.9	319.6	322.1	0.8	14.4	999.9	999.
17.2	53.1	5351.7	525.0	-6.3	-28.9	202.9	32.0	12.4	29.5	320.9	323.1	0.7	14.6	19.8	16.
18.4	55.9	5731.6	500.0	-9.4	-31.2	204.1	33.4	13.7	30.5	321.6	323.6	0.6	14.9	22.7	17.
20.1	58.9	6124.9	475.0	-12.3	-28.8	207.7	32.7	15.2	28.9	322.7	325.3	0.7	23.7	25.7	18.
21.6	61.9	6535.1	450.0	-16.0	-25.6	211.3	32.2	16.7	27.5	323.1	326.7	1.0	43.2	28.6	19.
23.0	65.0	6962.6	425.0	-20.0	-26.1	215.3	32.3	18.7	26.3	323.4	327.0	1.1	57.6	31.0	20.
24.4	68.1	7409.9	400.0	-22.7	-29.9	214.2	34.8	19.5	28.8	325.5	328.2	0.8	51.7	33.7	21.
25.9	71.5	7881.3	375.0	-25.3	-35.9	212.8	35.2	19.1	29.6	328.1	329.8	0.5	36.3	37.0	22.
7.5	75.0	8378.7	350.0	-29.1	-34.8	212.4	35.7	19.1	30.1	329.5	331.5	0.6	57.9	40.5	23.
28.8	78.6	8904.2	325.0	-33.4	-35.6	215.2	35.5	20.5	29.0	330.7	332.2	0.4	59.1	44.2	24.
31.4	82.3	9461.0	300.0	-38.2	-47.6	220.1	38.6*	24.9	29.5	331.6	332.2	0.2	35.0	48.6	25.
33.5	86.2	10052.8	275.0	-43.8	99.9	225.6	38.4*	27.5	26.9	331.8	999.9	99.9	999.9	53.4	27.
35.9	90.3	10686.6	250.0	-48.5	99.9	223.5	37.1*	25.6	26.9	333.9	999.9	99.9	999.9	58.5	29.
38.5	94.6	11373.9	225.0	-56.4	99.9	226.8	36.5*	25.2	23.6	335.2	999.9	99.9	999.9	63.9	30.
41.7	99.3	12116.0	200.0	-60.0	99.9	230.8	35.9*	27.8	22.7	337.8	999.9	99.9	999.9	70.0	32.
45.3	104.4	12923.4	175.0	-64.6	99.9	231.5	40.5*	31.7	25.2	343.3	999.9	99.9	999.9	77.5	34.
48.3	109.8	13896.9	150.0	-58.3	99.9	221.0	40.4*	26.5	30.5	369.6	999.9	99.9	999.9	85.8	35.
52.9	115.9	15043.2	125.0	-59.2	99.9	221.0	35.7*	23.5	26.9	387.8	999.9	99.9	999.9	95.9	35.
57.9	123.0	16430.1	100.0	-62.1	99.9	999.9	99.9	99.9	99.9	407.7	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 29
GAGE. OKLAHOMA

9 MAY 1979
2303 GMT

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TIME MIN	CHECK	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.6	678.3	920.4	23.8	17.1	150.0	6.7	-3.4	5.8	304.1	340.5	13.5	66.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.9	13.4	874.5	903.0	23.0	18.1	152.6	16.0	-8.3	16.0	305.2	345.0	14.7	73.9	0.6	274.
1.7	15.6	1120.2	875.0	20.9	17.8	134.8	20.2	-14.3	14.2	305.5	345.7	14.8	82.2	1.5	305.
2.9	17.8	1371.1	850.0	18.6	17.1	133.3	22.8	-16.6	15.6	305.6	345.4	14.7	91.2	3.0	309.
3.7	20.1	1627.4	825.0	16.4	15.3	136.0	22.7	-15.8	16.3	306.0	342.5	13.4	92.9	4.3	310.
4.6	22.4	1889.6	800.0	14.6	13.5	137.9	25.3	-17.0	18.8	306.7	340.5	12.3	93.1	5.3	312.
5.2	24.7	2154.2	775.0	12.7	11.5	135.7	30.2	-21.1	21.6	307.4	338.2	11.1	92.7	6.4	313.
5.9	27.1	2423.5	750.0	11.0	9.9	132.4	21.1	-15.5	14.2	308.5	337.2	10.3	92.8	7.6	313.
6.5	29.5	2716.5	725.0	9.5	8.4	128.8	17.6	-13.7	11.0	309.9	337.0	9.6	92.8	8.3	313.
7.2	31.9	3007.7	700.0	7.7	6.6	999.9	99.9	99.9	99.9	311.0	336.1	8.8	93.0	8.9	312.
7.6	34.4	3337.4	675.0	5.9	4.9	999.9	99.9	99.9	99.9	312.3	335.5	8.1	92.9	999.9	999.
7.9	36.9	3616.1	650.0	4.2	3.1	999.9	99.9	99.9	99.9	313.7	335.2	7.4	93.0	999.9	999.
8.2	39.4	3935.4	625.0	2.6	1.6	999.9	99.9	99.9	99.9	315.4	335.6	6.9	92.7	999.9	999.
8.5	42.1	4265.4	600.0	0.9	0.0	999.9	99.9	99.9	99.9	317.2	336.2	6.4	93.6	999.9	999.
8.4	44.9	4637.1	575.0	-1.0	-1.9	999.9	99.9	99.9	99.9	319.8	336.3	5.8	94.0	999.9	999.
9.1	47.6	4961.4	550.0	-3.0	-3.8	999.9	99.9	99.9	99.9	320.5	336.5	5.3	94.0	999.9	999.
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 29
GAGE, OKLAHOMA

10 MAY 1979
0809 GMT

109 149. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.5	678.0	925.0	6.7	5.0	340.0	7.7	2.6	-7.2	285.8	301.2	5.9	89.0	0.0	0.
0.0	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	11.9	712.6	925.0	6.3	4.8	350.2	11.4	1.9	-11.3	285.7	301.0	5.9	90.5	0.3	210.
1.0	14.3	936.9	900.0	4.8	4.7	353.6	12.0	1.3	-11.9	286.5	302.1	6.0	99.0	0.7	177.
1.9	16.7	1167.6	875.0	6.6	6.4	345.3	8.7	2.2	-8.4	290.8	308.9	7.0	99.3	1.3	176.
2.7	19.2	1396.4	850.0	8.1	8.0	292.6	6.4	5.9	-2.5	296.8	315.9	8.0	99.5	1.8	172.
3.6	21.7	1654.3	825.0	9.1	9.1	271.2	8.7	8.7	-0.2	298.2	322.0	8.8	99.6	1.7	160.
4.3	24.2	1910.9	800.0	10.3	10.3	252.6	10.4	9.9	3.1	302.1	329.1	9.9	100.0	1.9	145.
5.1	26.8	2175.8	775.0	9.9	9.9	235.4	13.1	10.8	7.5	334.5	331.8	10.0	100.8	2.0	128.
6.0	29.3	2441.4	750.0	9.2	3.1	223.3	17.1	11.7	12.4	306.6	324.8	6.4	65.4	2.3	108.
7.1	32.0	2731.2	725.0	9.9	5.4	216.2	19.7	11.6	15.9	310.3	332.5	7.8	73.4	3.0	85.
8.1	34.7	3023.0	700.0	9.4	3.7	210.1	20.5	10.3	17.7	311.9	332.6	7.2	72.2	3.8	71.
9.2	37.4	3323.0	675.0	6.4	0.5	207.5	20.6	9.5	18.3	312.8	330.0	5.9	66.0	4.9	60.
10.3	40.2	3631.3	650.0	3.7	-1.3	208.2	20.4	9.6	18.0	313.1	328.9	5.4	69.9	6.1	53.
11.1	41.9	3847.4	62..0	1.3	-2.1	209.6	19.6	9.7	17.0	313.9	329.5	5.3	78.0	7.2	49.
12.4	45.9	4276.7	600.0	-0.8	-7.9	213.6	19.5	10.8	16.2	315.2	326.0	3.5	59.8	8.4	47.
13.4	48.9	4615.8	575.0	-2.3	-39.5	214.1	19.2	10.8	15.9	317.3	318.2	0.3	4.8	9.5	45.
14.4	51.9	4966.9	550.0	-4.6	-51.8	216.5	19.0	11.3	15.3	318.6	318.8	0.1	1.2	10.8	44.
15.7	55.0	5330.6	525.0	-7.7	-54.8	221.9	19.4	12.9	14.4	319.2	319.4	0.0	1.0	12.2	44.
17.0	58.1	5709.2	500.0	-9.2	-55.9	218.6	19.6	11.7	15.8	321.8	321.9	0.0	1.0	13.8	43.
18.5	61.4	6103.5	475.0	-12.2	-57.6	213.3	19.1	10.5	15.9	322.9	323.1	0.0	1.0	15.5	42.
20.1	64.7	6515.0	450.0	-14.6	-59.2	213.5	19.0	10.5	15.9	324.9	325.0	0.0	1.0	17.2	41.
21.7	68.1	6945.9	425.0	-17.0	-60.7	219.5	20.0	12.7	15.4	327.2	327.3	0.0	1.0	19.1	41.
23.6	71.7	7397.0	400.0	-20.4	-62.9	219.5	18.5	11.8	14.3	328.5	328.6	0.0	1.0	21.3	41.
25.7	75.3	7872.1	375.0	-24.0	-65.3	217.2	17.7	10.7	14.1	329.8	329.8	0.0	1.0	23.5	41.
27.4	79.2	8371.9	350.0	-27.7	-67.6	212.3	18.0	9.8	15.2	331.4	331.5	0.0	1.0	25.8	40.
31.1	83.2	8900.3	325.0	-32.0	-70.5	209.8	17.8	8.8	15.5	332.6	332.6	0.0	1.0	28.2	39.
32.6	87.3	9463.2	300.0	-36.7	-73.6	207.0	17.2	7.8	15.3	333.7	333.7	0.0	1.0	30.9	38.
35.4	91.8	10055.7	275.0	-41.9	99.9	207.3	16.3	7.5	14.5	334.6	999.9	99.9	999.9	33.6	37.
38.3	96.5	10693.3	250.0	-47.4	99.9	212.2	16.8	8.9	14.2	335.6	999.9	99.9	999.9	36.4	37.
41.3	101.4	11382.3	225.0	-52.7	99.9	210.5	19.3	9.8	16.6	337.7	999.9	99.9	999.9	39.7	36.
44.5	106.8	12131.2	200.0	-59.4	99.9	210.6	18.0	9.2	15.4	338.7	999.9	99.9	999.9	43.1	36.
47.8	112.5	12951.5	175.0	-67.1	99.9	999.9	99.9	99.9	99.9	339.3	999.9	99.9	999.9	46.4	36.
51.7	118.8	13874.8	150.0	-68.2	99.9	999.9	99.9	99.9	99.9	352.6	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 29
GAGE, OKLAHOMA

10 MAY 1979
1117 GMT

92 179. 0

TIME MIN	CHICT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.2	678.0	931.2	6.3	5.3	330.0	10.3	5.2	-8.9	285.2	300.8	8.0	93.0	0.0	0.
99.9	99.9	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	12.7	732.9	925.0	5.6	4.9	333.8	9.7	4.3	-8.7	285.1	300.4	5.9	95.2	0.2	107.
0.5	14.8	756.4	900.0	3.5	3.3	335.1	9.0	3.8	-8.1	285.1	299.2	5.4	98.6	0.5	107.
1.0	17.1	1188.6	875.0	2.3	2.1	340.3	7.8	2.6	-7.4	286.2	299.7	5.1	98.8	0.9	102.
2.1	19.3	1420.5	850.0	6.5	4.9	355.2	7.4	0.6	-7.4	293.0	310.1	6.4	90.5	1.2	103.
3.2	21.6	1567.4	825.0	9.9	-5.2	348.3	7.5	1.5	-7.4	299.0	308.0	3.1	34.2	1.5	100.
3.3	23.9	1823.3	800.0	10.0	-19.0	314.2	7.8	5.6	-5.5	301.8	305.1	1.1	11.2	1.8	100.
4.7	26.1	2100.0	775.0	8.3	-22.3	284.1	10.6	10.3	-2.6	302.7	305.4	0.8	9.5	2.2	157.
5.8	27.6	2250.4	750.0	8.4	-14.8	255.0	11.6	11.2	3.0	305.7	310.6	1.6	17.6	2.5	144.
6.5	31.1	2735.5	725.0	6.7	-8.7	231.2	11.4	8.9	7.2	306.8	315.0	2.7	32.3	2.6	129.
7.6	33.6	3023.3	700.0	5.0	-3.7	230.3	10.7	8.2	6.8	308.0	320.3	4.2	53.7	2.8	118.
8.2	36.1	3319.4	675.0	3.1	1.0	217.4	10.3	9.9	13.3	309.1	326.7	6.1	86.5	3.0	106.
9.2	38.6	3525.1	650.0	1.0	0.0	210.9	22.0	11.3	18.8	310.1	327.2	5.9	93.2	3.6	88.
10.3	41.2	3833.7	625.0	-0.8	-0.9	205.4	23.8	10.2	21.5	311.8	322.7	3.6	62.2	4.4	72.
11.2	43.7	4266.9	600.0	-1.6	-13.4	200.4	23.1	8.0	21.7	314.3	321.5	2.3	40.8	5.4	61.
12.4	46.6	4603.5	575.0	-4.3	-38.8	204.1	22.0	9.0	20.1	315.3	316.1	0.2	4.9	6.7	52.
13.5	49.3	4932.5	550.0	-6.4	-40.4	206.9	22.0	10.0	19.6	316.5	317.5	0.3	6.9	8.1	47.
14.8	52.1	5314.6	525.0	-8.1	-53.0	208.6	20.5	9.8	18.0	318.8	318.9	0.0	1.0	9.6	44.
16.1	54.9	5691.7	500.0	-10.7	-56.7	212.7	20.1	10.9	16.9	320.0	320.2	0.0	1.0	11.2	42.
17.6	57.9	6083.1	475.0	-13.7	-58.6	216.1	19.7	11.8	15.9	321.1	321.2	0.0	1.0	13.0	41.
19.3	61.1	6491.4	450.0	-17.1	-60.8	215.4	19.9	11.5	16.2	321.8	321.9	0.0	1.0	14.8	41.
21.7	64.3	6917.9	425.0	-20.4	-62.9	216.1	21.4	12.6	17.3	322.8	322.9	0.0	1.0	16.7	40.
23.8	67.5	7360.4	400.0	-22.9	-64.2	218.9	22.6	14.2	17.6	325.9	326.0	0.0	1.0	18.9	40.
26.1	71.0	7835.4	375.0	-26.2	-66.7	217.2	20.7	12.5	16.6	326.9	327.0	0.0	1.0	21.1	40.
28.1	74.3	8331.1	350.0	-29.6	-69.3	213.8	20.1	11.2	16.7	328.8	328.8	0.0	1.0	23.5	39.
29.6	77.9	8855.5	325.0	-33.7	-71.6	212.5	20.8	11.0	17.3	330.3	330.3	0.0	1.0	26.2	38.
31.3	81.7	9411.8	300.0	-38.0	-76.4	207.5	20.1	9.3	17.8	331.9	331.9	0.0	1.0	29.3	38.
33.3	85.6	10010.4	275.0	-42.6	99.9	202.4	20.8	7.9	19.3	333.5	999.9	99.9	999.9	32.3	38.
36.1	89.8	10661.4	250.0	-47.8	99.9	205.0	20.1	8.5	18.2	335.0	999.9	99.9	999.9	35.4	35.
38.7	94.0	11328.0	225.0	-53.1	99.9	206.9	21.8	9.9	19.4	337.2	999.9	99.9	999.9	38.8	34.
41.8	98.8	12075.3	200.0	-59.8	99.9	999.9	99.9	99.9	99.9	338.0	999.9	99.9	999.9	42.2	34.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 30
HEALDTON, OKLAHOMA

9 MAY 1979
1105 GMT

126 90. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.2	291.0	970.5	20.9	16.9	150.0	6.2	-3.1	5.4	296.6	329.7	12.8	78.0	0.0	0.
99.9	99.9	99.9	1300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.9	12.1	476.2	950.0	20.0	16.9	999.9	99.9	99.9	99.9	297.4	331.3	12.9	82.4	999.9	999.
1.5	14.5	736.5	925.0	18.3	16.8	999.9	99.9	99.9	99.9	298.1	332.7	13.1	90.8	999.9	999.
2.3	16.8	941.4	900.0	18.8	16.1	999.9	99.9	99.9	99.9	298.6	328.9	13.4	85.6	999.9	999.
3.0	19.1	1141.1	875.0	18.5	16.7	999.9	99.9	99.9	99.9	298.9	325.6	13.8	83.3	999.9	999.
4.1	21.5	1425.7	850.0	12.2	-0.9	999.9	99.9	99.9	99.9	299.0	315.3	6.8	55.1	999.9	999.
5.3	23.9	1683.4	825.0	23.1	-35.9	999.9	99.9	99.9	99.9	313.0	313.7	0.2	1.0	5.5	359.
5.9	26.4	1947.6	800.0	21.7	-36.7	198.2	23.0	7.2	21.8	314.3	315.0	0.2	1.0	6.8	3.
6.4	28.9	2220.7	775.0	19.5	-38.0	199.4	22.2	7.4	20.9	314.8	315.5	0.2	1.0	8.1	6.
7.3	31.4	2530.9	750.0	17.3	-39.4	200.6	22.6	7.9	21.1	315.3	315.9	0.2	1.0	9.6	8.
8.3	33.9	2787.9	725.0	14.9	-40.8	202.3	22.2	8.4	20.6	315.8	316.4	0.1	1.0	10.7	9.
9.3	36.4	3042.7	700.0	12.6	-38.7	200.2	19.6	6.7	18.4	316.4	317.1	0.2	1.0	11.9	11.
10.3	38.9	3336.9	675.0	10.2	-34.9	200.6	16.3	5.7	15.3	317.1	318.1	0.3	2.6	12.9	11.
12.3	42.0	3697.6	650.0	7.6	-23.3	204.7	15.6	6.5	14.2	317.3	320.3	0.9	9.1	14.0	12.
13.1	44.7	4018.7	625.0	4.9	26.3	202.5	13.6	5.2	12.6	318.1	320.5	0.7	8.2	14.9	13.
14.4	47.5	4349.4	600.0	1.6	-23.2	200.9	13.7	4.9	12.8	318.0	321.2	1.0	13.7	16.0	14.
15.7	50.4	4690.1	575.0	-1.3	-28.8	201.2	15.7	5.7	14.6	318.5	320.8	0.7	10.8	17.1	14.
17.1	53.3	5042.5	550.0	-4.2	-36.0	195.0	14.5	3.8	14.0	319.1	320.2	0.3	6.2	18.3	14.
18.3	56.4	5406.8	525.0	-7.2	-46.8	197.2	14.0	4.1	13.4	319.7	320.2	0.1	3.0	19.5	14.
19.7	59.4	5785.9	500.0	-9.0	-55.6	212.3	12.9	8.9	10.9	322.0	322.2	0.0	1.0	20.8	15.
21.3	62.6	6179.9	475.0	-12.8	-58.0	225.7	9.0	6.5	6.3	322.2	322.3	0.0	1.0	21.3	16.
22.4	65.9	6589.7	450.0	-15.9	-60.0	233.7	7.3	5.9	4.3	323.2	323.3	0.0	1.0	21.8	17.
23.3	69.1	7017.8	425.0	-19.2	-62.1	234.5	7.0	5.7	4.0	324.4	324.5	0.0	1.0	22.4	18.
25.4	72.5	7465.5	400.0	-22.7	-64.4	236.6	7.6	6.3	4.2	325.4	325.5	0.0	1.0	22.9	19.
27.2	76.1	7935.2	375.0	-26.4	-66.9	233.0	8.4	6.7	5.1	326.7	326.7	0.0	1.0	23.5	20.
29.3	79.9	8429.8	350.0	-30.4	-69.3	231.7	10.2	8.0	6.3	327.7	327.7	0.0	1.0	24.4	21.
31.3	83.7	8952.6	325.0	-34.4	-69.6	236.3	12.7	10.6	7.1	329.3	329.3	0.0	1.0	25.6	23.
33.3	87.7	9507.0	300.0	-38.8	-65.9	231.5	13.8	10.8	8.6	330.7	330.7	0.0	3.9	27.0	25.
35.1	91.9	10097.3	275.0	-44.4	99.9	237.8	13.7	11.6	7.4	330.9	999.9	99.9	999.9	28.5	26.
37.3	96.4	10727.7	250.0	-50.1	99.9	238.3	13.6	11.6	7.2	331.6	999.9	99.9	999.9	30.1	28.
39.5	101.0	11398.4	225.0	-55.1	99.9	239.3	12.3	10.6	6.3	334.1	999.9	99.9	999.9	31.6	30.
42.1	106.2	12151.4	200.0	-60.1	99.9	241.4	10.9	10.8	8.1	337.7	999.9	99.9	999.9	33.4	32.
44.7	111.6	12968.9	175.0	-57.3	99.9	233.4	20.7	18.6	12.3	355.4	999.9	99.9	999.9	36.0	34.
47.9	117.5	13956.8	150.0	-60.1	99.9	228.5	23.3	17.4	15.4	366.5	999.9	99.9	999.9	40.2	35.
51.9	124.3	15085.1	125.0	-62.7	99.9	233.0	22.5	17.9	13.5	381.5	999.9	99.9	999.9	45.8	37.
56.2	131.7	16451.6	100.0	-64.5	99.9	237.5	26.5	22.3	14.2	403.1	999.9	99.9	999.9	51.3	39.
9.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
9.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
9.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 30
HEALDTON, OKLAHOMA

9 MAY 1979
1605 GMT

129 93. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.1	291.0	972.7	21.0	15.8	150.0	6.2	-3.1	5.4	296.5	327.3	11.7	72.0	0.0	0.
99.9	99.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.8	11.3	495.5	950.0	19.6	16.9	169.0	11.1	-2.1	10.9	297.1	327.0	11.3	76.5	0.4	334.
1.5	13.6	725.1	925.0	17.9	14.5	179.8	14.7	-0.1	14.7	297.6	327.6	11.3	80.8	0.9	345.
2.3	16.0	959.6	900.0	16.9	14.8	193.5	19.2	4.5	18.6	298.9	330.4	11.8	87.4	1.7	356.
3.2	18.4	1200.0	875.0	15.2	13.6	203.9	20.4	8.3	18.7	299.8	329.8	11.3	90.4	2.7	5.
4.2	20.9	1445.7	850.0	13.5	12.4	208.9	21.0	10.1	18.4	300.3	329.3	10.8	93.0	4.0	12.
5.2	23.3	1697.1	825.0	11.5	2.3	209.1	21.0	10.2	18.4	300.8	320.3	7.2	67.4	5.2	17.
6.2	25.9	1956.5	800.0	18.2	-38.4	202.5	20.7	7.9	19.2	310.5	311.1	0.2	1.8	6.3	18.
7.3	28.4	2227.3	775.0	17.2	-20.0	201.7	19.2	7.1	17.9	312.3	315.6	1.0	6.6	7.4	19.
7.9	31.0	2505.4	750.0	15.6	-16.9	197.1	14.4	4.2	13.7	313.6	317.2	1.1	7.7	8.2	19.
8.9	33.6	2792.2	725.0	14.7	-21.0	195.5	15.6	4.2	15.0	315.6	318.8	1.0	6.8	9.0	18.
9.7	36.3	3087.0	700.0	12.4	-20.1	199.4	15.4	5.1	14.5	316.2	319.8	1.1	8.7	9.8	18.
10.6	39.0	3390.1	675.0	10.4	-27.0	205.0	15.4	6.5	13.9	317.3	319.4	0.6	5.3	10.7	19.
11.5	41.9	3702.2	650.0	7.5	-29.7	206.2	13.9	6.1	12.4	317.5	319.2	0.5	5.0	11.6	19.
12.6	44.6	4023.0	625.0	4.5	-27.3	203.9	13.8	5.6	12.6	317.6	319.8	0.6	7.7	12.3	20.
13.7	47.4	4353.2	600.0	1.2	-26.2	201.3	14.9	5.4	13.9	317.8	320.1	0.7	10.7	13.3	20.
14.9	50.4	4693.3	575.0	-2.1	-24.9	199.3	14.9	4.9	14.1	317.5	320.4	0.9	15.5	14.4	20.
16.3	53.4	5044.2	550.0	-5.0	-29.4	195.2	14.8	3.9	14.3	318.1	320.3	0.6	13.4	15.5	20.
17.4	56.5	5406.4	525.0	-7.0	-50.1	193.8	16.4	3.9	15.9	320.1	320.3	0.1	1.7	16.7	19.
18.5	59.6	5787.0	500.0	-9.4	-55.9	192.6	15.5	3.4	15.2	321.6	321.7	0.0	1.0	17.8	19.
19.7	62.9	6181.1	475.0	-12.3	-57.7	194.9	11.5	2.9	11.1	322.7	322.8	0.0	1.0	18.7	19.
21.0	66.1	6591.3	450.0	-15.8	-60.0	200.0	10.8	3.7	10.2	323.4	323.5	0.0	1.0	19.6	19.
22.3	69.6	7019.5	425.0	-19.2	-61.5	202.7	10.6	4.1	9.8	324.4	324.5	0.0	1.1	20.4	19.
23.6	73.0	7467.4	400.0	-22.4	-61.5	206.3	11.0	4.9	9.8	325.8	325.9	0.0	1.4	21.3	19.
25.1	76.7	7938.7	375.0	-25.1	-61.3	220.7	13.6	8.9	10.3	328.3	328.4	0.0	1.7	22.3	20.
26.6	80.5	8436.5	350.0	-28.5	-62.8	227.6	16.6	12.3	11.2	330.4	330.5	0.0	2.1	23.5	21.
28.3	84.5	8962.6	325.0	-33.2	-61.6	231.2	16.5	12.9	10.3	331.0	331.1	0.0	3.9	25.0	23.
30.0	88.8	9519.4	300.0	-38.2	-64.4	229.7	16.0	12.2	10.3	331.6	331.7	0.0	6.4	26.5	25.
31.9	93.3	10111.4	275.0	-43.3	99.9	236.1	15.8	13.1	8.8	332.5	999.9	99.9	999.9	28.1	26.
33.9	97.8	10745.8	250.0	-48.4	99.9	235.5	15.3	12.6	8.7	334.1	999.9	99.9	999.9	29.7	28.
36.1	102.4	11433.3	225.0	-53.7	99.9	232.8	15.2	12.1	9.2	335.9	999.9	99.9	999.9	31.5	30.
38.4	107.9	12177.8	200.0	-59.0	99.9	230.4	16.8	14.5	8.6	339.3	999.9	99.9	999.9	33.6	31.
40.9	113.5	13009.3	175.0	-58.6	99.9	242.6	19.3	17.1	8.9	353.2	999.9	99.9	999.9	35.8	34.
43.8	119.9	13977.9	150.0	-60.2	99.9	223.5	22.4	15.4	16.2	366.3	999.9	99.9	999.9	39.8	35.
47.3	126.8	15107.9	125.0	-61.9	99.9	227.2	22.0	16.2	15.0	382.8	999.9	99.9	999.9	43.4	36.
50.9	134.7	16480.7	100.0	-63.8	99.9	999.9	99.9	99.9	99.9	404.5	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 8 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 8 DEG

STATION NO. 30
HEALDTON, OKLAHOMA

9 MAY 1979
1705 GMT

117 93. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.3	291.0	971.8	26.0	16.8	150.0	7.7	-3.9	6.7	301.6	335.3	12.5	57.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	10.1	490.3	950.0	23.2	16.7	157.3	10.0	-3.9	9.2	300.7	334.7	12.7	67.0	0.3	328.
1.4	12.3	722.0	925.0	20.3	16.0	170.7	12.0	-1.9	11.9	300.1	333.3	12.5	76.3	0.9	337.
2.3	14.5	958.5	900.0	18.6	15.5	186.4	13.8	1.5	13.7	300.7	334.1	12.5	82.1	1.5	346.
3.0	16.7	1200.4	875.0	17.1	14.5	197.3	14.6	4.3	13.9	301.5	333.7	12.0	84.7	2.1	354.
3.8	18.9	1448.0	850.0	15.9	13.5	205.5	14.4	6.2	13.0	302.8	334.1	11.6	85.6	2.7	0.
4.7	21.2	1701.9	825.0	14.3	13.1	210.3	14.4	7.3	12.8	303.7	335.2	11.8	92.8	3.4	7.
5.6	23.5	1963.7	800.0	19.7	-36.8	201.6	15.0	5.5	13.9	312.1	312.9	0.2	1.1	4.2	10.
6.7	25.8	2235.6	775.0	19.0	-35.4	200.9	16.5	5.9	15.4	314.2	315.1	0.2	1.3	5.2	12.
7.6	28.1	2515.8	750.0	17.8	-16.8	202.3	16.1	6.1	14.9	315.9	320.3	1.4	8.1	6.2	14.
8.8	30.5	2803.4	725.0	15.4	-25.1	204.4	16.0	6.6	14.6	316.3	318.7	0.7	4.7	7.2	15.
9.9	33.0	3099.3	700.0	12.7	-17.9	200.9	15.6	5.6	14.6	316.6	320.9	1.3	10.2	8.3	16.
11.1	35.5	3402.5	675.0	10.0	-15.1	198.4	16.5	5.2	15.7	316.9	322.5	1.8	15.5	9.5	17.
12.4	38.0	3714.5	650.0	7.6	-16.6	199.0	15.9	5.2	15.0	317.5	322.7	1.6	16.1	10.7	17.
13.7	40.5	4035.8	625.0	4.6	-23.7	198.6	17.0	5.4	16.1	317.8	320.8	0.9	10.7	11.9	17.
14.9	43.1	4366.3	600.0	1.8	-28.4	201.5	17.2	6.3	16.0	318.2	320.3	0.6	8.4	13.3	17.
16.1	45.8	4707.2	575.0	-1.2	-38.4	202.6	17.5	6.7	16.2	318.5	319.4	0.2	4.0	14.8	18.
17.3	48.6	5059.5	550.0	-4.0	-40.6	201.7	17.9	6.6	16.6	319.4	320.1	0.2	3.8	15.7	18.
18.4	51.4	5424.2	525.0	-7.2	-41.2	203.5	19.9	7.9	18.3	319.8	320.5	0.2	4.6	17.0	18.
19.6	54.2	5802.3	500.0	-9.9	-42.2	203.4	17.7	7.0	16.3	321.0	321.7	0.2	5.0	18.3	19.
21.2	57.2	6196.1	475.0	-12.4	-46.0	197.5	11.4	3.4	10.9	322.6	323.1	0.1	4.1	19.5	19.
22.3	60.2	6606.8	450.0	-15.0	-47.2	189.7	9.9	1.7	9.8	324.4	324.9	0.1	4.4	20.2	19.
23.9	63.4	7036.7	425.0	-17.7	-48.7	201.5	13.7	5.0	12.7	326.3	326.7	0.1	4.7	21.4	18.
25.5	66.6	7487.9	400.0	-20.8	-51.5	222.6	15.3	10.4	11.3	328.0	328.3	0.1	4.4	22.7	19.
27.1	69.9	7960.9	375.0	-24.9	-53.7	226.8	13.5	9.8	9.2	328.6	328.9	0.1	4.8	24.0	21.
28.3	73.3	8459.3	350.0	-29.1	-55.6	228.3	16.8	12.5	11.1	330.8	331.0	0.1	5.2	25.4	22.
30.6	76.9	8986.7	325.0	-32.3	-55.1	226.5	16.9	12.3	11.6	332.2	332.4	0.0	5.6	27.0	24.
32.4	80.6	9545.7	300.0	-37.3	-61.2	224.8	17.7	12.5	12.6	332.9	333.0	0.0	6.2	28.7	25.
34.3	84.5	10139.9	275.0	-42.6	99.9	229.0	18.2	13.7	11.9	333.6	999.9	99.9	999.9	30.6	27.
36.2	88.7	10775.6	250.0	-48.2	99.9	227.0	17.9	13.1	12.2	334.4	999.9	99.9	999.9	32.5	28.
38.3	93.0	11461.7	225.0	-53.5	99.9	231.6	17.4	13.6	10.8	336.6	999.9	99.9	999.9	34.6	29.
40.6	97.8	12209.6	200.0	-58.8	99.9	236.7	21.3	17.8	11.7	339.6	999.9	99.9	999.9	37.3	31.
42.9	102.8	13042.0	175.0	-59.6	99.9	242.6	22.6	20.1	10.4	351.6	999.9	99.9	999.9	39.7	33.
45.5	108.5	14005.8	150.0	-60.0	99.9	222.3	21.6	14.6	16.0	366.7	999.9	99.9	999.9	42.8	35.
48.7	114.7	15142.6	125.0	-60.9	99.9	223.8	22.9	16.5	17.2	384.7	999.9	99.9	999.9	47.4	35.
52.3	121.7	16424.0	100.0	-62.1	99.9	999.9	99.9	99.9	99.9	407.0	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 30
HEALDTON, OKLAHOMA

9 MAY 1979
2006 GMT

131 65. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.3	291.0	970.5	26.7	16.6	150.0	9.3	-4.7	8.1	302.4	335.8	12.4	54.8	0.8	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.8	11.1	479.5	950.0	25.0	17.6	164.1	12.0	-3.3	11.5	302.5	338.8	13.5	63.8	0.8	339.
2.3	13.5	713.3	925.0	22.4	17.4	160.7	14.4	-4.7	13.6	302.2	338.9	13.7	73.7	1.6	340.
2.9	15.8	951.5	900.0	20.3	17.6	167.5	14.3	-3.1	13.9	302.4	340.6	14.3	84.9	2.3	341.
3.8	18.2	1194.6	875.0	18.0	16.6	174.3	14.0	-1.4	14.0	302.5	339.3	13.7	91.2	3.1	343.
4.7	20.6	1443.1	850.0	16.6	14.8	186.4	14.7	1.6	14.6	303.5	337.5	12.6	89.2	3.8	347.
5.7	23.0	1697.3	825.0	14.5	13.2	192.9	14.8	3.3	14.4	303.9	335.7	11.7	91.8	4.7	351.
[illegible]	25.5	1957.7	800.0	13.0	11.9	193.0	10.7	2.4	10.5	305.0	335.1	11.0	93.0	5.3	354.
[illegible]	28.0	2227.0	775.0	19.7	-18.7	190.0	13.5	2.3	13.3	345.0	318.6	1.1	8.1	6.2	356.
9.3	30.6	2508.1	750.0	18.6	-21.1	199.1	12.8	4.2	12.1	316.7	319.9	0.9	5.3	7.0	359.
10.1	33.1	2796.7	725.0	16.0	-20.7	194.4	13.5	3.4	13.0	317.0	320.4	1.0	6.4	7.8	0.
11.2	35.8	3093.2	700.0	14.1	-23.9	198.6	14.5	4.1	13.9	318.1	320.8	0.8	5.5	8.7	2.
12.4	38.5	3397.7	675.0	11.3	-23.3	198.1	15.6	4.9	14.9	318.3	321.2	0.9	7.0	9.8	4.
13.5	41.2	3710.8	650.0	8.4	-24.1	200.4	16.3	5.7	15.3	318.5	321.3	0.8	7.8	10.8	5.
14.7	44.0	4032.8	625.0	5.7	-25.9	202.5	17.5	6.7	16.2	318.9	321.4	0.7	8.1	11.9	7.
16.0	46.9	4364.5	600.0	2.4	-24.9	202.4	18.8	7.2	17.3	318.9	321.7	0.8	11.2	13.3	9.
17.3	49.9	4706.2	575.0	-0.9	-21.8	201.7	19.6	7.3	18.2	319.0	322.8	1.2	18.6	14.8	10.
18.7	52.9	5059.7	550.0	-4.2	-26.0	202.2	23.7	8.9	21.9	319.1	321.9	0.8	16.4	16.5	11.
19.9	55.8	5423.1	525.0	-7.3	-39.2	207.7	21.0	9.8	18.6	319.7	320.6	0.3	5.9	18.3	12.
21.3	58.9	5801.1	500.0	-9.7	-50.5	207.1	17.1	7.8	15.2	321.3	321.6	0.1	2.0	19.7	14.
22.9	62.1	6194.9	475.0	-12.5	-57.8	204.1	16.5	6.7	15.1	322.5	322.6	0.0	1.0	21.1	14.
24.2	65.4	6606.3	450.0	-14.2	-58.2	206.2	16.3	7.2	14.6	325.4	325.5	0.0	1.1	22.6	15.
25.9	68.7	7037.0	425.0	-17.6	-61.1	209.0	14.1	6.9	12.4	326.4	326.5	0.0	1.0	24.0	16.
27.5	72.3	7487.3	400.0	-21.5	-58.4	216.1	15.1	8.9	12.2	327.0	327.1	0.0	2.0	25.4	17.
29.3	75.9	7959.5	375.0	-25.0	-57.5	222.8	16.2	11.0	11.9	328.5	328.7	0.0	2.4	27.3	18.
31.4	79.7	8457.9	350.0	-28.3	-60.8	225.2	18.8	13.3	13.2	330.6	330.7	0.0	2.7	29.9	20.
33.5	83.7	8984.9	325.0	-32.5	-59.4	233.2	17.9	14.3	10.7	331.9	332.0	0.0	4.8	31.0	22.
35.6	87.8	9543.6	300.0	-37.1	-60.4	231.5	18.1	14.1	11.2	333.1	333.3	0.0	8.7	33.0	24.
37.9	92.2	10134.4	275.0	-42.5	99.9	229.4	18.9	14.4	12.3	333.6	999.9	99.9	999.9	35.3	26.
40.3	96.8	10775.5	250.0	-47.3	99.9	229.5	20.7	15.7	13.4	335.7	999.9	99.9	999.9	38.0	28.
42.9	101.8	11463.3	225.0	-53.1	99.9	230.5	21.2	17.7	11.7	337.2	999.9	99.9	999.9	40.9	30.
44.0	107.0	12211.9	200.0	-58.9	99.9	237.4	24.1	20.3	13.0	339.4	999.9	99.9	999.9	44.4	32.
49.0	112.8	13046.1	175.0	-59.1	99.9	236.6	25.2	21.0	13.8	352.6	999.9	99.9	999.9	48.7	35.
52.4	119.0	14012.9	150.0	-59.8	99.9	239.6	24.2	19.4	18.7	367.0	999.9	99.9	999.9	53.3	36.
56.4	126.0	15152.9	125.0	-61.4	99.9	-77.2	26.4	19.4	17.9	383.8	999.9	99.9	999.9	59.6	36.
60.9	134.0	16537.3	100.0	-60.7	999.9	999.9	99.9	99.9	99.9	410.4	999.9	99.9	999.9	66.4	38.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 30
HEALDTON, OKLAHOMA

9 MAY 1979
2307 GMT

116 98. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.3	291.0	969.3	25.7	17.9	140.0	7.7	-3.9	6.7	301.5	337.5	13.4	62.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	10.9	468.3	950.0	24.6	18.3	152.2	9.6	-4.5	8.5	302.2	339.8	14.1	67.9	0.3	326.
1.7	13.1	701.9	925.0	22.1	17.5	150.3	12.4	-6.6	11.5	302.0	338.8	13.8	76.9	1.0	332.
2.8	15.3	940.1	900.0	20.1	17.8	164.5	14.4	-3.9	13.9	302.3	340.8	14.4	86.3	1.9	336.
3.6	17.4	1183.2	875.0	18.0	16.3	171.5	17.1	-2.5	16.9	302.5	338.8	13.5	90.3	2.6	348.
4.5	19.6	1431.0	850.0	16.5	14.7	177.1	16.8	-0.8	16.8	303.5	337.4	12.5	89.0	3.5	344.
5.3	21.8	1686.1	825.0	14.8	13.1	179.3	15.9	-0.2	15.9	304.3	335.9	11.6	89.3	4.3	346.
6.2	24.0	1946.4	800.0	12.7	11.3	180.7	14.6	0.2	14.6	304.7	333.8	10.6	91.1	5.1	349.
7.3	26.4	2214.1	775.0	10.6	-39.7	171.9	14.3	-2.0	14.1	311.7	312.3	0.2	1.0	6.0	350.
8.3	28.7	2493.6	750.0	17.7	-39.1	177.2	13.0	-0.6	13.0	315.8	316.4	0.2	1.0	6.9	350.
9.4	31.9	2781.3	725.0	15.8	-40.2	195.8	12.0	3.2	11.6	316.8	317.4	0.2	1.0	7.6	352.
10.6	33.6	3077.6	700.0	13.8	-39.1	202.5	13.3	5.0	12.3	317.8	318.5	0.2	1.3	8.4	355.
11.7	35.9	3381.0	675.0	10.9	-31.4	200.5	14.0	4.9	13.1	317.9	319.3	0.4	3.4	9.3	358.
13.3	38.4	3694.4	650.0	8.1	-29.4	195.6	15.3	4.1	14.8	318.1	319.9	0.5	4.9	10.3	360.
14.1	40.9	4015.4	625.0	5.2	-28.8	196.7	16.2	4.6	15.5	318.4	320.3	0.6	6.4	11.3	1.
15.3	43.5	4347.0	600.0	2.2	-30.4	200.5	16.2	6.4	17.1	318.7	320.4	0.5	6.7	12.5	3.
16.7	46.1	4688.3	575.0	-0.8	-34.1	202.9	16.6	7.2	17.1	319.1	320.3	0.4	5.9	13.9	5.
17.7	48.9	5043.9	550.0	-4.1	-36.0	201.4	19.7	7.2	18.3	319.2	320.3	0.3	5.2	15.3	6.
19.1	51.7	5405.1	525.0	-7.9	-42.9	203.9	19.8	8.8	18.1	319.1	319.8	0.2	4.9	16.9	8.
20.5	54.4	5792.7	500.0	-10.1	-56.3	207.8	18.7	8.7	16.5	320.7	320.9	0.0	1.0	18.2	9.
21.9	57.4	6176.6	475.0	-11.3	-57.1	209.9	16.2	8.1	14.0	324.8	324.1	0.0	1.0	19.6	11.
23.5	60.4	6589.5	450.0	-14.8	-58.8	211.1	16.2	8.4	13.8	325.6	325.8	0.0	1.0	21.8	12.
25.3	63.6	7029.3	425.0	-17.4	-61.0	210.2	16.4	8.4	12.9	326.7	326.8	0.0	1.0	22.4	14.
26.4	66.6	7471.7	400.0	-20.4	-62.9	223.5	16.4	11.3	11.9	328.4	328.5	0.0	1.0	23.9	15.
28.5	69.9	7945.7	375.0	-24.4	-65.5	229.9	17.4	13.3	11.2	329.3	329.4	0.0	1.0	25.4	17.
30.5	73.3	8444.1	350.0	-28.6	-68.3	233.3	18.5	14.9	11.1	330.2	330.2	0.0	1.0	27.2	20.
32.5	76.9	8970.2	325.0	-32.9	-69.4	234.9	19.2	15.7	11.0	331.4	331.4	0.0	1.3	29.1	23.
34.6	80.5	9528.9	300.0	-37.2	-70.2	230.4	20.4	15.7	13.0	333.0	333.0	0.0	1.7	31.2	25.
36.9	84.3	10123.7	275.0	-42.2	99.9	231.8	20.9	16.3	13.2	334.1	999.9	99.9	999.9	33.9	27.
39.2	88.3	10761.8	250.0	-47.2	99.9	234.4	21.8	17.7	12.7	335.8	999.9	99.9	999.9	36.4	29.
41.5	92.	11449.6	225.0	-53.0	99.9	235.6	18.9	15.6	10.7	337.2	999.9	99.9	999.9	39.1	31.
44.3	97.2	12198.9	200.0	-58.9	99.9	240.4	20.6	17.9	10.2	339.5	999.9	99.9	999.9	41.9	33.
47.6	102.4	13032.2	175.0	-59.5	99.9	243.8	24.0	21.4	10.9	341.7	999.9	99.9	999.9	45.7	36.
51.2	107.8	14000.8	150.0	-58.8	99.9	234.9	26.8	21.9	15.4	344.8	999.9	99.9	999.9	51.0	38.
55.3	114.0	15134.8	125.0	-63.0	99.9	233.5	24.8	19.9	14.8	348.9	999.9	99.9	999.9	57.1	40.
58.0	121.0	16507.7	100.0	-61.9	99.9	999.9	99.9	99.9	99.9	400.1	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	9.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
+ BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
++ BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 30
MEALOTON, OKLAMONA

20 MAY 1979
211 GMT

128 92. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PUT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.6	291.3	969.2	23.7	17.9	150.0	7.7	-3.9	6.7	299.5	335.2	13.5	70.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
9.6	11.6	616.4	950.0	22.8	18.1	151.4	14.3	-6.7	12.2	300.4	337.3	13.9	76.5	0.4	326.
1.5	13.6	698.9	925.0	21.1	17.9	155.4	17.6	-7.3	16.0	300.9	338.4	14.1	82.0	1.2	331.
2.4	16.0	936.4	900.0	19.5	18.3	161.3	20.4	-6.5	19.3	301.6	341.3	14.9	93.1	2.2	336.
3.3	18.4	1179.0	875.0	17.3	16.3	170.9	21.7	-3.4	21.5	301.8	337.8	13.6	93.5	3.3	338.
4.3	20.8	1427.3	850.0	16.0	14.9	178.2	20.3	-0.6	20.3	303.0	337.3	12.7	93.2	4.5	343.
5.3	23.3	1681.3	825.0	14.7	13.1	178.5	20.2	-0.5	20.2	304.1	335.7	11.6	90.1	5.7	346.
6.4	25.7	1942.3	800.0	15.6	6.2	182.1	16.5	0.6	16.4	307.8	329.0	7.5	56.4	6.9	348.
7.3	27.2	2213.7	775.0	19.6	-14.4	196.9	13.9	4.8	13.3	314.9	320.0	1.6	8.8	7.6	350.
8.1	32.7	2494.4	750.0	17.7	-16.9	200.1	13.7	4.8	13.0	315.8	320.1	1.4	8.1	8.2	353.
9.1	33.3	2782.4	725.0	15.8	-21.5	204.5	14.2	5.9	12.9	316.9	320.0	0.9	6.1	9.0	355.
10.2	36.0	3078.4	700.0	13.7	-28.3	207.8	15.7	7.3	13.8	317.7	319.5	0.5	3.7	9.8	358.
11.2	38.7	3382.6	675.0	11.0	-29.5	213.0	16.3	8.9	13.6	317.9	319.6	0.5	4.0	10.7	1.
12.4	41.6	3697.4	650.0	8.3	-30.7	219.4	16.0	10.2	12.4	318.3	319.9	0.5	4.3	11.6	4.
13.6	44.2	4016.9	625.0	5.3	-32.1	218.6	17.5	10.9	13.7	318.5	319.9	0.4	4.6	12.6	8.
14.9	47.0	4348.1	600.0	2.4	-33.5	219.9	17.3	11.4	13.7	319.0	320.3	0.4	4.9	13.7	10.
16.2	49.9	4689.6	575.0	-1.0	-35.3	214.7	20.5	11.7	16.8	318.8	320.0	0.3	5.3	15.1	13.
17.6	52.9	5042.2	550.0	-3.5	-38.8	209.3	21.9	10.7	19.1	319.9	320.8	0.2	4.4	16.9	15.
19.4	55.9	5407.8	525.0	-6.3	-41.6	208.8	20.2	9.7	17.7	320.9	321.6	0.2	4.0	18.4	16.
22.1	58.9	5787.6	500.0	-8.6	-42.8	211.2	19.5	10.1	16.6	322.6	323.2	0.2	4.3	19.8	17.
21.3	62.0	6183.3	475.0	-10.3	-43.6	212.6	17.5	9.4	14.8	325.2	325.8	0.2	4.5	21.2	18.
22.6	65.4	6597.1	450.0	-13.8	-45.5	220.4	16.1	10.5	12.3	325.8	326.4	0.1	4.9	22.4	19.
24.2	68.7	7029.3	425.0	-17.3	-47.4	222.4	16.9	11.4	12.5	326.8	327.3	0.1	5.2	23.8	21.
25.7	72.1	7480.3	400.0	-20.4	-49.2	226.7	16.3	11.9	11.2	328.5	329.0	0.1	5.8	25.2	22.
27.4	75.7	7950.6	375.0	-24.0	-49.3	227.4	16.3	12.0	11.1	329.9	330.3	0.1	7.5	26.7	23.
29.3	79.5	8453.9	350.0	-29.2	-50.9	231.1	17.2	13.4	10.8	330.8	331.2	0.1	9.3	29.2	25.
33.9	83.5	8981.3	325.0	-32.6	-53.8	233.6	19.8	15.9	11.7	332.0	332.3	0.1	9.7	33.0	27.
32.6	87.5	9540.2	300.0	-37.3	-56.9	234.1	19.8	16.1	11.6	332.9	333.1	0.1	10.8	31.9	28.
34.5	91.9	10134.1	275.0	-42.6	99.9	233.3	18.8	15.0	11.2	333.6	999.9	99.9	999.9	33.9	30.
36.9	96.5	10771.0	250.0	-47.4	99.9	234.7	17.5	14.4	10.2	335.6	999.9	99.9	999.9	35.9	31.
39.3	101.2	11459.4	225.0	-53.2	99.9	239.8	18.9	16.3	9.5	337.0	999.9	99.9	999.9	37.7	33.
40.1	106.5	12237.1	200.0	-59.0	99.9	251.4	19.7	18.6	8.3	339.3	999.9	99.9	999.9	39.5	34.
42.2	112.3	13236.8	175.0	-60.7	99.9	252.6	19.0	18.1	5.7	349.8	999.9	99.9	999.9	41.2	37.
44.2	118.5	13999.0	150.0	-61.2	99.9	242.4	22.7	20.1	10.5	364.7	999.9	99.9	999.9	43.4	38.
46.7	125.5	15122.8	125.0	-65.5	99.9	238.0	23.8	20.0	12.5	376.4	999.9	99.9	999.9	46.8	40.
50.1	133.1	16473.4	100.0	-66.2	99.9	999.9	99.9	99.9	99.9	399.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 30
MEALDTUN, OKLAHOMA

10 MAY 1979
512 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR STD GM/KG	RH PCT	RANGE KM	AZ DG
0.3	8.9	291.0	970.2	23.6	18.3	150.0	7.7	-3.9	6.7	289.3	335.8	13.6	72.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.7	10.7	475.3	950.0	22.3	19.0	157.1	17.6	-6.9	16.2	297.9	339.0	14.6	88.6	0.4	333.
1.5	12.9	707.5	925.0	20.6	19.1	162.9	17.6	-5.2	16.8	300.7	340.7	15.2	91.5	1.1	339.
2.3	15.1	944.8	900.0	18.5	17.6	165.3	20.4	-5.2	19.7	300.8	338.8	14.3	94.5	2.1	341.
3.0	17.3	1186.5	875.0	17.2	16.4	170.7	23.4	-3.9	23.1	304.7	337.9	13.5	96.8	3.0	343.
4.0	19.6	1434.4	850.0	15.5	14.5	171.6	24.5	-3.9	24.4	308.4	335.7	12.3	97.3	4.4	346.
4.9	21.9	1687.7	825.0	14.0	12.3	173.1	23.7	-2.8	23.6	313.2	333.2	11.0	89.4	5.7	347.
5.7	24.3	1947.8	800.0	12.7	10.8	176.7	21.9	-1.3	21.9	318.0	330.8	10.3	88.6	6.9	349.
6.5	26.6	2214.4	775.0	14.5	-25.1	182.9	19.8	1.0	19.7	322.4	314.9	6.9	88.8	8.2	350.
7.4	29.0	2492.6	750.0	17.1	-39.4	193.1	17.2	3.1	16.8	325.3	315.0	6.2	1.0	9.3	352.
8.4	31.5	2780.1	725.0	14.9	-40.8	198.1	17.8	5.0	16.9	329.8	316.4	6.1	1.0	10.3	355.
9.3	33.9	3075.4	700.0	13.4	-41.7	203.4	18.0	7.1	16.5	334.4	317.9	6.1	1.0	11.2	357.
10.9	36.5	3379.5	675.0	10.9	-43.2	206.6	18.3	8.1	16.3	337.8	318.5	6.1	1.0	12.2	360.
12.0	39.0	3691.8	650.0	9.1	-44.9	209.5	18.5	9.1	16.1	341.2	319.0	6.1	1.0	13.3	2.
13..	41.6	4013.7	625.0	5.5	-46.6	206.3	20.7	[illegible]	18.5	344.0	318.7	6.1	1.0	14.5	5.
14.3	44.3	4344.8	600.0	2.1	-48.6	204.6	21.1	[illegible]	19.4	347.4	318.9	6.1	1.0	15.9	6.
15.5	47.0	4685.8	575.0	-1.1	-50.6	202.8	23.2	[illegible]	21.5	350.7	319.1	6.1	1.0	17.4	8.
16.9	49.8	5038.8	550.0	-3.1	-51.9	206.2	22.0	[illegible]	19.3	353.6	320.6	6.1	1.0	19.1	9.
18.3	52.6	5405.7	525.0	-5.1	-53.2	212.5	21.6	[illegible]	18.1	356.3	322.3	6.0	1.0	20.6	11.
19.2	55.5	5787.1	500.0	-7.4	-54.6	216.9	19.1	[illegible]	15.1	358.4	324.4	6.0	1.0	22.0	12.
21.4	58.4	6184.4	475.0	-10.3	-56.4	217.3	18.2	[illegible]	14.5	325.3	325.6	6.0	1.0	23.1	14.
21.5	61.5	6598.2	450.0	-13.4	-58.4	218.8	18.7	[illegible]	14.1	326.4	326.9	6.0	1.0	24.3	15.
22.7	64.6	7029.8	425.0	-17.2	-60.8	220.6	17.9	[illegible]	11.5	327.3	327.8	6.0	1.0	25.5	16.
24.1	67.9	7481.2	400.0	-21.3	-62.8	223.6	17.6	[illegible]	12.7	328.7	328.7	6.0	1.0	26.9	18.
25.6	71.3	7955.3	375.0	-24.6	-65.6	222.0	17.1	[illegible]	12.7	329.8	329.8	6.0	1.0	28.2	19.
27.2	74.7	8453.5	350.0	-28.6	-68.2	222.9	18.4	[illegible]	13.8	330.8	330.8	6.0	1.0	29.8	20.
28.9	78.3	8980.5	325.0	-32.1	-70.6	228.8	19.3	[illegible]	12.7	332.4	332.5	6.0	1.0	31.5	22.
30.6	82.1	9540.0	300.0	-37.0	-73.8	233.8	19.3	[illegible]	11.9	333.2	333.2	6.0	1.0	33.2	23.
32.3	86.0	10135.4	275.0	-42.0	99.9	239.4	18.8	[illegible]	9.6	334.1	999.9	99.9	999.9	34.9	25.
34.1	90.2	10772.7	250.0	-47.7	99.9	244.8	20.2	[illegible]	8.6	335.2	999.9	99.9	999.9	36.6	27.
35.8	94.6	11460.1	225.0	-53.3	99.9	254.2	20.5	[illegible]	5.6	336.3	999.9	99.9	999.9	38.3	29.
37.9	99.3	12208.0	200.0	-59.0	99.9	259.9	20.6	[illegible]	3.6	337.4	999.9	99.9	999.9	39.9	32.
40.0	104.4	13034.6	175.0	-63.2	99.9	265.7	12.4	[illegible]	0.9	340.8	999.9	99.9	999.9	41.4	34.
42.3	109.8	13977.3	150.0	-65.2	99.9	235.1	15.3	[illegible]	8.0	357.7	999.9	99.9	999.9	42.4	35.
44.6	116.0	15085.2	125.0	-67.4	99.9	225.2	22.2	[illegible]	15.6	372.7	999.9	99.9	999.9	45.5	36.
48.1	123.0	16424.4	100.0	-67.7	99.9	999.9	99.9	[illegible]	32.3	392.0	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	[illegible]	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	[illegible]	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	[illegible]	99.9	999.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
+ BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 30
MEALDTON, OKLAHOMA

10 MAY 1979
606 GMT

109 159. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.2	9.6	291.0	970.5	23.0	19.0	150.0	4.1	-2.1	3.6	298.7	336.6	14.4	78.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.0	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	11.3	477.9	950.0	22.1	19.9	165.3	10.9	-2.8	10.5	299.6	340.7	15.6	87.3	0.3	336.
1.6	13.6	709.9	925.0	20.4	19.3	169.4	14.5	-2.7	14.3	300.1	341.1	15.5	93.9	0.8	342.
2.2	16.9	940.9	900.0	19.9	17.9	177.6	18.6	-0.8	18.6	300.9	339.7	14.6	94.5	1.6	348.
3.2	19.6	1189.1	875.0	17.2	16.3	184.0	17.9	1.2	17.8	301.7	337.8	13.5	94.3	2.7	353.
4.2	20.8	1437.3	850.0	14.3	14.8	185.3	19.0	1.8	18.9	303.3	337.3	12.6	90.6	3.8	357.
5.1	23.2	1691.6	825.0	14.6	13.1	189.2	18.2	2.9	17.9	304.0	335.6	11.6	91.0	4.8	359.
6.0	25.7	1951.4	800.0	12.3	11.2	194.1	18.2	3.9	15.7	304.3	333.1	10.5	93.0	5.7	1.
6.9	25.2	2219.6	775.0	17.8	-39.0	221.8	15.3	10.2	11.4	313.0	313.6	0.2	1.0	6.5	4.
7.9	30.3	2498.9	750.0	17.0	-39.5	238.9	14.6	12.5	7.5	315.0	315.6	0.2	1.0	7.1	9.
9.1	33.4	2795.9	725.0	16.8	-40.8	236.9	15.5	13.0	8.5	315.7	316.3	0.1	1.0	7.7	15.
9.9	36.1	3089.8	700.0	12.7	-42.1	232.8	16.3	13.0	9.9	316.5	317.0	0.1	1.0	8.4	19.
11.0	38.8	3381.5	675.0	9.7	-44.0	229.0	15.3	11.6	10.0	316.5	316.9	0.1	1.0	9.3	22.
12.2	41.5	3674.4	650.0	6.7	-45.8	222.2	16.0	10.8	11.9	316.6	316.9	0.1	1.0	10.3	24.
13.3	44.3	4014.6	625.0	4.3	-47.3	219.4	16.9	10.7	13.1	317.4	317.7	0.1	1.0	11.4	26.
14.5	47.1	4304.5	600.0	1.3	-49.2	218.7	14.8	9.3	11.6	317.6	317.9	0.1	1.0	12.6	27.
15.7	50.1	4604.5	575.0	-2.0	-51.2	217.8	14.8	9.1	11.7	317.6	317.8	0.1	1.0	13.6	28.
17.0	53.1	5035.6	550.0	-5.3	-53.3	219.2	15.1	9.6	11.7	317.8	318.0	0.0	1.0	14.7	29.
18.4	56.1	5339.6	525.0	-6.8	-54.2	215.8	15.1	8.8	12.3	320.2	320.4	0.0	1.0	16.0	30.
19.8	59.3	5777.6	500.0	-10.2	-56.4	217.0	15.3	9.2	12.2	320.6	320.7	0.0	1.0	17.2	30.
21.3	62.4	6170.8	475.0	-12.6	-45.7	215.9	15.9	9.4	12.9	322.4	322.9	0.1	4.5	18.6	30.
22.8	65.7	6598.3	450.0	-15.6	-59.8	207.5	14.3	6.6	12.7	323.7	323.8	0.0	1.0	19.6	31.
23.7	69.0	7010.1	425.0	-17.6	-61.1	202.2	15.3	5.8	14.2	326.4	326.5	0.0	1.0	20.8	30.
25.2	72.6	7460.4	400.0	-21.4	-63.5	204.3	17.2	7.1	15.7	327.2	327.3	0.0	1.0	22.2	30.
26.8	76.2	7933.7	375.0	-24.2	-65.4	208.3	18.8	8.9	16.6	329.6	329.8	0.0	1.0	23.9	30.
28.6	80.0	8432.3	350.0	-28.7	-68.3	206.8	20.1	9.1	17.9	330.1	330.2	0.0	1.0	26.0	29.
30.5	83.9	8959.5	325.0	-32.1	-70.6	210.8	20.0	10.2	17.2	332.4	332.5	0.0	1.0	28.4	29.
32.5	88.0	9519.4	300.0	-36.3	-73.3	210.4	17.7	8.9	15.2	334.3	334.3	0.0	1.0	30.6	29.
34.8	92.4	10117.1	275.0	-41.7	99.9	215.9	19.0	11.1	15.4	336.0	999.9	99.9	999.9	33.1	30.
37.3	97.0	10757.6	250.0	-44.3	99.9	229.2	15.6	11.6	10.4	337.3	999.9	99.9	999.9	35.6	30.
40.1	102.0	11447.8	225.0	-51.3	99.9	249.5	19.4	18.9	9.5	339.8	999.9	99.9	999.9	38.2	32.
42.9	107.3	12274.3	200.0	-57.4	99.9	247.7	21.1	19.5	8.0	341.9	999.9	99.9	999.9	41.0	35.
45.6	113.0	13348.7	175.0	-62.5	99.9	999.9	99.9	99.9	99.9	346.4	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY * ON MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 30
HEALDTON, OKLAHOMA

10 MAY 1979
1145 GMT

131 99. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.5	291.0	971.4	21.9	19.5	180.0	5.1	0.0	5.1	297.5	336.4	14.0	86.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	11.5	485.5	950.0	21.7	19.9	181.2	15.5	0.3	15.5	299.2	340.3	15.6	89.7	0.4	356.
1.4	14.0	717.9	925.0	21.8	18.4	192.1	18.8	3.9	18.4	301.6	340.5	14.6	81.2	1.1	2.
2.1	16.5	956.1	900.0	20.7	16.3	197.4	19.7	5.9	18.8	302.8	338.0	13.1	75.9	2.0	9.
3.0	19.9	1199.8	875.0	19.4	14.3	198.2	17.6	5.5	16.7	304.0	336.1	11.8	72.1	2.9	12.
3.7	21.5	1447.6	850.0	18.5	11.9	197.0	15.4	4.5	14.7	305.6	334.2	10.4	65.4	3.7	13.
4.6	24.0	1705.4	825.0	16.7	10.5	203.4	14.6	5.8	13.4	306.2	333.1	9.7	66.8	4.4	14.
5.5	26.7	1967.6	800.0	15.3	9.4	212.0	13.5	7.1	11.4	307.5	333.6	9.4	68.0	5.1	16.
6.3	29.3	2236.5	775.0	13.2	9.5	222.5	13.7	9.3	10.1	308.1	335.2	9.7	78.2	5.8	18.
7.3	32.0	2512.4	750.0	11.7	9.6	232.9	13.7	11.0	8.3	309.3	337.5	10.1	86.4	6.5	22.
8.3	34.7	2796.3	725.0	10.4	8.6	233.7	14.4	11.5	8.5	310.9	338.6	9.8	88.7	7.2	26.
9.2	37.4	3088.8	700.0	10.0	-0.8	229.9	14.8	11.3	9.6	313.5	328.9	5.2	47.3	8.0	28.
10.3	40.2	3390.7	675.0	9.2	-11.2	226.4	15.2	11.0	10.5	315.9	323.5	2.4	22.5	8.8	30.
11.2	43.1	3701.9	650.0	6.7	-14.4	222.5	17.2	11.5	12.7	316.6	322.7	1.9	20.5	9.7	32.
12.0	46.0	4022.1	625.0	3.9	-16.6	220.4	18.2	11.7	14.0	316.9	322.3	1.7	20.7	10.6	32.
13.3	49.0	4352.3	600.0	1.1	-20.5	218.6	18.2	11.5	14.3	317.4	321.4	1.2	18.0	11.5	33.
14.4	52.0	4692.2	575.0	-2.1	-19.9	221.9	14.6	9.0	10.9	317.5	322.0	1.4	24.1	12.4	33.
15.7	55.1	5043.8	550.0	-4.7	-21.6	222.7	16.6	11.2	12.2	318.5	322.6	1.2	25.1	13.6	34.
16.7	58.3	5408.2	525.0	-6.5	-34.7	225.2	19.4	13.9	13.7	320.7	322.0	0.4	8.6	14.9	35.
18.2	61.5	5786.2	500.0	-8.8	-34.1	226.9	20.4	14.9	13.9	322.3	323.8	0.4	12.8	16.4	36.
19.4	64.8	6183.2	475.0	-11.5	-34.4	224.1	21.3	15.5	15.1	323.7	325.3	0.4	12.0	17.8	37.
20.5	68.1	6596.3	450.0	-13.2	-54.4	223.0	23.4	16.9	17.2	326.7	326.9	0.1	1.6	19.3	37.
21.7	71.7	7026.4	425.0	-16.7	-60.5	222.3	23.3	16.7	17.2	327.6	327.7	0.0	1.6	21.1	38.
23.3	75.3	7480.2	400.0	-20.5	-57.1	224.7	22.3	15.7	15.9	328.3	326.5	0.0	2.2	22.9	38.
24.7	79.1	7954.1	375.0	-24.0	-51.3	221.1	19.5	12.8	14.7	329.8	330.2	0.1	5.9	24.9	39.
26.2	83.0	8453.9	350.0	-27.9	-53.7	210.8	19.1	9.9	16.4	331.2	331.5	0.1	6.6	26.6	39.
27.8	87.3	8980.8	325.0	-32.6	-56.1	210.8	20.2	10.3	17.3	331.7	331.9	0.1	7.5	28.5	38.
29.9	91.3	9539.5	300.0	-37.2	-57.2	214.4	20.1	11.4	16.6	333.0	333.2	0.1	10.2	30.8	38.
32.1	95.8	10130.8	275.0	-40.8	99.9	220.4	23.2	15.1	17.7	336.2	999.9	99.9	999.9	33.8	37.
34.2	100.5	10778.6	250.0	-46.0	99.9	225.6	23.3	16.7	16.3	337.6	999.9	99.9	999.9	36.7	38.
36.1	105.5	11467.5	225.0	-52.5	99.9	225.9	21.1	15.1	14.7	338.0	999.9	99.9	999.9	39.3	39.
38.2	110.9	12219.4	200.0	-59.0	99.9	217.3	16.9	10.2	13.4	339.4	999.9	99.9	999.9	41.8	39.
40.6	116.8	13044.3	175.0	-65.0	99.9	215.0	19.2	11.0	15.8	342.8	999.9	99.9	999.9	43.9	38.
44.2	123.3	13998.3	150.0	-60.6	99.9	236.9	27.6	23.1	15.0	345.7	999.9	99.9	999.9	49.4	40.
47.7	133.3	15120.4	125.0	-66.1	99.9	231.0	21.5	15.7	13.5	375.3	999.9	99.9	999.9	54.0	41.
52.5	138.5	16472.3	100.0	-64.5	99.9	999.9	99.9	99.9	99.9	403.1	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 31
HENNESSEY, OKLAMOMA

9 MAY 1979
1112 GMT

117 93. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.0	383.3	962.3	21.2	17.2	180.0	7.7	0.0	7.7	297.6	331.8	13.0	78.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	11.1	454.6	950.0	19.9	17.2	178.7	13.9	-0.3	13.9	297.4	332.1	13.2	86.5	0.3	358.
1.4	13.3	684.5	925.0	18.4	16.8	183.6	17.9	1.1	17.9	298.1	332.7	13.1	90.3	1.1	359.
2.3	15.5	919.9	900.0	17.0	15.7	191.7	20.2	4.1	19.8	299.0	332.4	12.6	92.3	2.2	3.
3.2	17.7	1163.3	875.0	15.3	14.1	203.1	25.0	9.8	23.0	299.6	330.8	11.7	92.8	3.4	9.
4.3	20.0	1400.0	850.0	13.3	12.3	205.2	24.2	10.3	21.9	300.1	329.7	10.7	93.9	4.6	13.
5.3	22.3	1657.3	825.0	12.8	-21.3	205.0	22.4	9.5	20.3	332.1	306.8	0.8	7.6	5.9	16.
6.3	24.6	1919.9	800.0	20.0	-10.0	202.2	22.1	8.9	20.5	312.5	317.6	1.6	8.8	7.2	17.
7.9	27.0	2182.3	775.0	19.4	-17.7	204.5	18.1	7.5	16.5	314.6	318.6	1.2	6.7	8.4	18.
7.8	29.4	2473.3	750.0	17.5	-12.7	208.4	15.0	7.1	13.2	315.6	321.8	1.9	11.5	9.3	19.
8.8	31.8	2780.6	725.0	16.8	-13.7	209.3	16.5	8.1	14.4	315.7	321.6	1.8	12.6	10.1	20.
9.7	34.3	3105.6	700.0	12.4	-16.5	209.5	18.5	9.1	16.1	316.2	321.0	1.5	11.6	11.1	21.
10.6	36.9	3358.6	675.0	9.8	-16.7	208.5	18.5	8.8	16.3	316.6	321.6	1.5	13.9	12.0	21.
11.5	39.3	3670.1	650.0	7.0	-15.9	204.3	19.7	8.1	18.0	316.9	322.3	1.7	17.6	13.1	22.
12.6	41.9	3990.5	625.0	4.2	-18.4	200.0	19.7	6.7	18.6	317.3	321.9	1.6	17.4	14.3	22.
13.7	44.6	4320.5	600.0	0.9	-18.9	198.0	19.8	6.1	18.9	317.2	321.8	1.4	21.2	15.7	22.
14.9	47.3	4660.3	575.0	-2.5	-19.1	197.0	19.8	5.8	18.9	317.1	321.8	1.5	26.5	17.2	21.
16.5	50.1	5010.9	550.0	-5.2	-30.4	195.6	17.6	4.7	17.0	318.0	319.9	0.6	12.0	18.9	21.
17.4	52.9	5375.1	525.0	-6.7	-41.1	201.2	13.8	5.0	12.9	320.4	321.1	0.2	6.5	20.2	20.
19.3	55.9	5754.9	500.0	-9.4	-37.1	209.0	12.2	5.9	10.7	321.5	322.7	0.3	8.4	21.3	21.
20.7	58.8	6147.5	475.0	-13.1	-34.2	207.1	12.5	5.7	11.1	321.7	323.3	0.4	15.0	22.2	21.
21.9	61.9	6556.3	450.0	-16.9	-36.2	200.9	13.7	4.9	12.8	322.1	323.4	0.4	16.7	23.2	21.
23.2	65.0	6982.2	425.0	-20.4	-40.6	195.3	14.7	3.9	14.2	322.9	323.8	0.3	14.4	24.3	21.
24.5	68.3	7428.3	400.0	-24.0	-43.3	194.2	13.7	3.4	13.3	323.8	324.6	0.2	14.8	25.4	21.
25.9	71.6	7896.3	375.0	-27.2	-45.2	206.5	14.4	6.4	12.9	325.6	326.2	0.2	16.1	26.6	21.
27.3	75.0	8389.9	350.0	-33.5	-48.7	217.6	17.5	10.6	13.8	327.7	328.1	0.1	14.8	27.8	21.
28.9	78.7	8913.0	325.0	-34.3	-51.9	218.9	20.1	12.6	15.6	329.4	329.8	0.1	14.6	29.5	22.
30.6	82.4	9467.9	300.0	-38.8	-54.3	222.3	19.5	13.1	14.4	330.8	331.0	0.1	15.0	31.3	23.
32.2	86.3	10056.7	275.0	-43.8	99.9	225.8	20.7	14.8	14.4	331.8	999.9	99.9	999.9	33.3	25.
33.9	90.5	10681.9	250.0	-47.6	99.9	230.6	20.4	15.7	12.9	332.3	999.9	99.9	999.9	35.4	26.
35.8	95.3	11371.8	225.0	-55.1	99.9	230.6	20.8	16.1	13.2	334.1	999.9	99.9	999.9	37.4	28.
37.8	99.9	12115.2	200.0	-60.6	99.9	223.0	21.9	14.9	16.0	336.8	999.9	99.9	999.9	39.8	29.
39.9	105.0	12937.2	175.0	-63.2	99.9	236.5	25.5	20.7	14.8	345.7	999.9	99.9	999.9	42.5	30.
42.2	110.5	13906.9	150.0	-59.6	99.9	226.5	22.1	16.0	15.2	367.4	999.9	99.9	999.9	45.7	32.
45.1	116.9	15047.8	125.0	-63.7	99.9	226.6	20.4	14.6	14.6	385.2	999.9	99.9	999.9	49.2	33.
48.9	124.3	16409.8	100.0	-66.7	99.9	999.9	99.9	99.9	99.9	398.8	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 31
KENNESSEY, OKLAHOMA

9 MAY 1979
1409 GMT

30 857. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.7	363.0	983.6	21.5	6.7	180.0	6.2	0.0	6.2	297.8	330.9	12.5	74.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
1.6	10.9	666.5	950.0	20.7	16.5	174.6	15.1	-1.6	15.0	298.2	331.5	12.6	77.1	0.4	348.
1.2	13.0	695.7	925.0	18.8	15.9	176.8	19.5	-1.1	19.5	295.5	331.3	12.4	83.1	1.1	352.
2.3	15.3	930.6	900.0	17.2	15.7	188.3	20.7	3.0	20.5	299.3	332.7	12.6	90.6	2.1	357.
2.8	17.4	1171.7	875.0	16.4	15.2	200.5	19.8	6.9	18.5	300.8	334.4	12.6	92.9	3.1	2.
3.9	19.6	1419.0	850.0	15.7	14.5	214.9	19.2	11.0	15.7	302.6	335.9	12.3	92.4	4.1	9.
.8	21.9	1672.7	825.0	14.2	12.9	222.3	19.3	13.0	14.3	303.6	334.7	11.4	91.9	5.1	16.
5.7	24.2	1932.3	800.0	12.0	10.4	213.8	19.2	10.7	16.0	304.0	331.5	10.0	90.1	6.1	20.
6.4	26.5	2201.1	775.0	19.3	-24.4	196.5	16.6	4.7	16.0	316.6	316.9	0.7	3.8	7.2	21.
7.9	28.9	2481.3	750.0	17.5	-25.2	196.6	16.9	4.8	16.2	315.5	317.7	0.7	4.0	8.3	20.
8.7	31.3	2769.1	725.0	15.5	-36.3	999.9	99.9	99.9	99.9	316.5	317.3	0.2	1.6	999.9	999.
9.5	33.7	3064.6	700.0	13.1	-41.9	999.9	99.9	99.9	99.9	317.0	317.4	0.1	1.0	999.9	999.
10.3	36.1	3368.1	675.0	10.6	-43.3	999.9	99.9	99.9	99.9	317.5	317.9	0.1	1.0	999.9	999.
99.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 31
HENNESSEY, OKLAHOMA

9 MAY 1979
1730 GMT

116 94. 0

TEMP MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.4	343.3	963.5	25.2	17.4	180.0	9.3	0.0	9.3	301.5	336.7	13.1	62.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	11.5	667.3	950.0	23.4	16.9	180.9	12.0	0.2	12.0	330.9	335.5	12.9	67.1	0.4	348.
1.1	13.6	699.6	925.0	21.3	16.3	182.5	13.0	0.6	13.0	301.1	335.1	12.7	73.1	0.8	355.
1.7	15.9	936.7	900.0	19.2	15.6	185.9	14.0	1.4	14.0	331.3	334.6	12.5	79.8	1.3	358.
2.4	17.9	1178.9	875.0	17.1	14.7	194.8	14.3	3.7	13.8	301.5	334.1	12.1	86.9	1.9	1.
3.2	20.1	1427.3	850.0	16.9	14.5	206.2	14.5	6.4	13.0	303.8	337.3	12.4	86.0	2.4	6.
3.9	22.3	1681.8	825.0	14.9	13.7	215.2	14.1	8.1	11.5	336.4	337.2	12.1	92.2	3.0	11.
4.7	24.5	1942.7	800.0	13.4	12.5	221.8	12.1	8.1	9.0	335.5	337.0	11.5	93.9	3.7	17.
5.6	26.7	2210.2	775.0	11.7	9.7	211.6	12.2	6.4	10.4	306.5	333.8	9.9	87.6	4.2	20.
6.6	29.1	2487.3	750.0	17.5	-35.2	200.6	16.9	5.9	15.8	315.5	316.4	0.3	1.5	5.1	21.
7.7	31.4	2775.0	725.0	15.4	-35.2	199.8	18.4	6.2	17.4	316.3	317.3	0.3	1.7	6.2	20.
8.6	33.8	3072.5	700.0	13.0	-30.9	200.7	20.0	7.1	18.7	316.9	319.3	0.4	3.1	7.4	20.
9.6	36.3	3374.3	675.0	10.3	-28.3	200.2	20.2	7.0	19.0	317.2	319.1	0.5	4.7	8.6	20.
10.6	38.8	3685.7	650.0	7.3	-29.8	198.6	19.7	6.3	18.6	317.2	319.9	0.5	5.0	9.8	20.
11.6	41.3	4006.2	625.0	4.4	-31.0	197.4	18.8	5.6	17.9	317.4	319.0	0.5	5.5	10.9	20.
12.7	43.9	4336.2	600.0	1.1	-29.4	195.3	18.7	4.9	18.1	317.5	319.3	0.6	8.0	12.1	20.
13.7	46.6	4676.4	575.0	-1.9	-30.7	193.8	18.5	4.4	18.0	317.7	319.5	0.5	8.9	13.2	19.
14.8	49.2	5027.4	550.0	-5.1	-31.6	196.3	20.3	5.7	19.5	318.0	319.7	0.5	10.3	14.5	19.
16.0	52.0	5391.4	525.0	-6.9	-43.4	197.0	18.5	5.4	17.7	320.1	320.7	0.2	3.5	15.9	19.
17.4	54.9	5770.2	500.0	-9.6	-48.1	193.3	19.9	4.6	19.3	321.4	321.8	0.1	2.6	17.5	18.
18.9	57.8	6166.3	475.0	-12.5	-46.0	197.4	20.0	6.0	19.0	322.5	323.0	0.1	4.1	19.1	18.
20.1	60.9	6578.0	450.0	-16.4	-46.9	204.4	19.8	8.2	18.0	322.6	323.1	0.1	5.1	20.8	.8.
21.6	64.0	7008.6	425.0	-19.8	-45.7	204.6	19.7	8.2	17.9	323.6	324.1	0.1	7.8	22.5	19.
23.2	67.1	7457.5	400.0	-23.3	-48.5	209.1	19.6	9.5	17.1	324.7	325.2	0.1	7.7	24.1	19.
24.8	70.5	7917.1	375.0	-26.4	-49.8	213.4	20.6	11.4	17.2	326.7	327.1	0.1	8.8	26.0	20.
26.2	74.0	8411.4	350.0	-30.6	-50.0	218.4	20.1	12.5	15.7	327.5	327.9	0.1	12.8	27.9	21.
28.3	77.6	8934.5	325.0	-34.0	-53.4	221.2	23.4	15.4	17.6	329.9	330.2	0.1	12.0	30.0	23.
29.9	81.3	9490.6	300.0	-38.2	-56.9	223.1	23.8	16.2	17.4	331.5	331.7	0.1	11.9	32.5	24.
31.7	85.3	10082.6	275.0	-43.4	99.9	224.9	25.4	17.9	18.0	332.3	999.9	99.9	999.9	35.1	26.
33.5	89.5	10716.7	250.0	-48.8	99.9	229.1	23.7	17.9	15.5	333.5	999.9	99.9	999.9	37.7	27.
35.3	93.8	11401.0	225.0	-53.7	99.9	226.5	28.1	20.4	19.4	336.3	999.9	99.9	999.9	40.3	29.
37.5	98.6	12149.2	200.0	-58.5	99.9	224.2	26.7	18.6	19.2	340.1	999.9	99.9	999.9	43.5	30.
39.8	103.8	12979.2	175.0	-63.3	99.9	225.4	29.5	22.1	19.6	345.5	999.9	99.9	999.9	47.5	31.
42.5	110.0	13939.0	150.0	-59.1	99.9	222.3	26.5	17.8	19.6	360.4	999.9	99.9	999.9	51.6	33.
45.2	115.8	15081.1	125.0	-60.5	99.9	216.8	22.7	13.6	18.1	385.4	999.9	99.9	999.9	55.7	33.
48.9	123.0	16459.2	100.0	-62.3	99.9	999.9	99.9	99.9	99.9	447.4	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 31
HENNESSEY, OKLAHOMA

9 MAY 1979
2011 GMT

SIG 101. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.9	343.0	963.0	25.7	18.4	180.0	7.7	0.0	7.7	302.1	339.5	14.0	64.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	11.0	462.6	950.0	24.3	17.7	185.1	7.5	0.7	7.5	301.9	338.1	13.5	66.4	0.2	2.
1.3	13.3	696.2	925.0	22.5	16.5	181.4	9.7	0.2	9.7	302.3	337.0	12.9	68.9	0.6	3.
2.3	15.5	934.3	900.0	20.3	16.7	178.2	12.0	-0.4	11.9	302.5	338.5	13.4	79.6	1.3	1.
3.3	17.6	1177.7	875.0	19.0	16.3	178.3	12.3	-0.4	12.3	302.5	338.7	13.5	89.9	2.0	360.
4.3	19.9	1425.9	850.0	16.2	15.1	186.5	11.7	1.3	11.6	303.1	337.8	12.9	93.6	2.7	360.
5.2	22.3	1680.3	825.0	14.6	13.5	192.8	11.8	2.6	11.5	304.1	336.5	12.0	93.3	3.4	2.
6.1	24.5	1943.9	800.0	13.2	12.1	185.7	10.5	1.0	10.4	305.2	335.8	11.2	93.1	4.0	4.
7.1	26.9	2209.6	775.0	12.3	11.1	179.0	11.4	-0.2	11.4	307.1	337.0	10.8	92.1	4.6	3.
8.1	29.2	2483.4	750.0	11.4	2.7	189.9	15.6	2.7	15.3	309.0	326.8	6.2	56.6	5.3	3.
9.0	31.7	2770.1	725.0	15.6	-25.3	196.0	20.0	5.5	19.2	316.6	318.9	0.7	4.5	6.3	5.
9.9	34.1	3065.7	700.0	13.1	-22.3	197.6	19.3	5.8	18.4	317.0	320.0	0.9	6.8	7.5	7.
11.1	36.6	3367.5	675.0	10.4	-23.3	199.1	19.5	6.4	18.4	317.3	320.2	0.9	7.4	8.8	9.
12.3	39.1	3681.6	650.0	7.5	-24.7	200.3	19.7	6.8	18.5	317.5	320.1	0.8	7.9	10.1	10.
13.4	41.9	4002.6	625.0	4.8	-25.9	198.7	20.0	6.4	18.9	317.9	320.4	0.7	8.6	11.5	11.
14.7	44.6	4333.5	600.0	1.8	-25.9	198.4	19.6	6.2	18.6	318.2	320.6	0.8	10.6	12.9	12.
15.8	47.1	4674.2	575.0	-1.7	-25.4	199.6	22.2	7.4	20.9	318.0	320.6	0.8	14.3	14.2	13.
17.0	49.9	5025.6	550.0	-5.1	-25.7	202.2	23.5	8.9	21.7	318.0	320.9	0.8	17.9	16.1	13.
18.2	52.7	5389.2	525.0	-7.5	-37.0	204.3	20.1	8.3	18.3	319.4	320.5	0.3	7.3	17.5	14.
19.5	55.6	5767.4	500.0	-9.8	-41.1	200.5	20.3	7.1	19.0	321.1	321.9	0.2	5.6	19.1	15.
20.8	58.5	6160.8	475.0	-12.5	-39.9	201.0	20.3	7.3	18.9	322.5	323.4	0.2	7.9	20.7	15.
22.3	61.6	6571.3	450.0	-15.6	-43.8	206.5	21.6	9.6	19.3	323.6	324.3	0.2	6.8	22.5	16.
23.7	64.9	6999.7	425.0	-19.1	-46.9	208.3	21.2	10.1	18.7	324.5	325.0	0.1	6.5	24.3	17.
25.1	67.9	7447.7	400.0	-22.3	-48.7	212.6	21.5	11.6	18.1	326.1	326.5	0.1	6.9	26.1	18.
26.6	71.3	7918.2	375.0	-25.4	-49.1	216.3	22.2	13.1	17.9	328.0	328.4	0.1	8.7	28.0	19.
28.3	74.7	8415.2	350.0	-29.7	-49.7	223.2	23.4	16.0	17.1	328.7	329.1	0.1	12.2	30.0	20.
30.1	78.1	8937.6	325.0	-33.5	-51.3	227.8	25.2	18.6	16.9	330.5	330.9	0.1	14.7	32.4	23.
32.1	82.0	9495.9	300.0	-38.2	-54.7	227.8	23.9	17.7	16.1	331.5	331.8	0.1	15.5	35.2	25.
34.0	86.0	10096.5	275.0	-42.7	99.9	227.8	24.6	18.2	16.5	333.3	999.9	99.9	999.9	37.7	26.
36.0	90.2	10726.6	250.0	-48.1	99.9	227.6	28.3	20.9	19.1	334.5	999.9	99.9	999.9	40.6	28.
38.0	94.5	11410.3	225.0	-53.9	99.9	233.2	29.2	20.2	15.1	336.0	999.9	99.9	999.9	43.9	30.
40.5	99.2	12150.8	200.0	-58.7	99.9	233.8	25.8	20.8	15.2	339.8	999.9	99.9	999.9	47.4	31.
43.1	104.4	12990.2	175.0	-62.2	99.9	229.5	26.3	20.0	17.1	347.3	999.9	99.9	999.9	51.1	33.
46.5	110.0	13952.3	150.0	-59.2	99.9	220.7	29.2	19.0	22.1	368.1	999.9	99.9	999.9	56.5	34.
50.2	116.0	15393.0	125.0	-61.2	99.9	999.9	99.9	99.9	99.9	384.2	999.9	99.9	999.9	62.4	35.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 31
MENNESSEY, OKLAHOMA

9 MAY 1979
2358 GMT

106 130. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.9	343.0	961.2	24.5	18.2	180.0	5.0	0.0	5.0	301.0	338.0	13.9	68.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	13.9	646.3	950.0	24.9	17.8	193.3	14.1	-6.3	12.6	331.5	338.1	13.7	68.4	0.3	332.
1.1	13.9	673.5	925.0	22.6	17.0	151.7	13.9	-6.6	12.2	302.4	338.1	13.3	70.5	0.8	332.
2.0	15.2	919.2	900.0	20.6	16.9	155.8	15.5	-6.4	14.1	302.8	339.1	13.5	78.9	1.6	332.
2.7	17.4	1161.6	875.0	18.6	16.3	160.9	16.8	-5.5	15.9	303.1	339.4	13.5	86.7	2.4	334.
3.5	19.6	1410.5	850.0	16.7	15.1	169.3	16.3	-3.0	16.0	303.7	338.4	12.8	89.9	3.1	337.
4.3	21.9	1665.1	825.0	14.9	13.3	173.3	15.2	-1.8	15.1	304.3	336.3	11.8	90.4	3.8	340.
5.1	24.3	1925.9	800.0	13.0	11.6	175.4	15.1	-1.2	15.1	305.0	334.7	10.8	91.1	4.5	342.
5.9	26.5	2192.9	775.0	11.1	10.1	183.2	15.2	0.9	15.2	305.7	333.6	10.1	93.5	5.2	344.
6.6	28.9	2466.3	750.0	11.9	-23.7	192.1	17.2	3.6	16.8	309.5	312.1	0.8	7.1	5.8	347.
7.5	31.3	2752.0	725.0	15.3	-34.4	196.8	19.0	5.5	18.2	316.3	317.3	0.3	2.0	6.7	351.
8.5	33.7	3049.3	700.0	13.9	-39.1	195.7	20.2	5.4	19.4	317.9	318.5	0.2	1.3	7.8	355.
9.5	36.3	3352.3	675.0	11.0	-38.8	196.4	20.6	5.8	19.8	318.0	318.7	0.2	1.6	9.0	358.
10.5	38.7	3665.0	650.0	8.5	-21.5	200.4	21.0	7.3	19.7	318.6	323.2	1.5	13.8	10.2	360.
11.5	41.3	3987.0	625.0	5.2	-20.8	205.1	21.2	9.0	19.2	318.4	322.8	1.4	15.2	11.4	3.
12.6	43.9	4318.2	600.0	2.2	-30.7	208.4	21.7	10.3	19.0	318.6	320.3	0.5	6.6	12.6	5.
13.6	46.6	4659.9	575.0	-0.8	-32.2	209.0	22.2	10.8	19.5	319.1	320.6	0.4	7.0	13.9	7.
14.7	49.3	5012.2	550.0	-4.4	-32.3	206.0	24.1	10.5	21.7	318.9	320.5	0.5	9.1	15.3	9.
15.7	52.1	5376.4	525.0	-7.6	-35.1	204.2	22.6	9.3	20.6	319.3	320.5	0.4	8.7	16.7	11.
16.9	55.0	5753.3	500.0	-10.4	-42.5	201.9	23.7	8.8	22.0	320.4	321.1	0.2	5.1	18.3	12.
18.3	58.0	6146.4	475.0	-12.6	-46.1	206.9	22.9	10.3	20.4	322.3	322.8	0.1	4.1	20.2	13.
19.7	61.0	6555.6	450.0	-15.4	-47.5	210.9	24.0	12.3	20.6	323.8	324.3	0.1	4.4	22.0	14.
21.0	64.1	6979.9	425.0	-18.6	-49.2	211.4	24.4	12.7	20.9	325.1	325.5	0.1	4.8	23.9	16.
22.4	67.4	7419.1	400.0	-22.7	-51.5	213.7	24.3	13.5	20.2	325.5	325.8	0.1	5.2	25.9	17.
23.9	70.6	7873.9	375.0	-26.3	-49.2	216.4	23.7	14.0	19.1	326.8	327.2	0.1	9.4	27.9	18.
25.9	74.1	8349.1	350.0	-29.9	-45.1	218.1	25.1	15.9	19.7	328.5	329.2	0.2	20.9	30.4	20.
27.7	77.7	8826.1	325.0	-33.2	-53.2	224.3	26.2	18.3	18.7	331.0	331.3	0.1	11.2	33.3	22.
29.9	81.3	9492.1	300.0	-37.3	-55.3	226.2	26.2	18.9	18.1	332.8	333.1	0.1	13.8	36.6	24.
32.3	85.3	10276.6	275.0	-42.5	99.9	225.3	24.9	17.6	17.6	333.7	999.9	99.9	999.9	39.5	26.
34.2	89.3	10714.1	250.0	-47.2	99.9	220.7	25.1	16.4	19.0	335.9	999.9	99.9	999.9	42.6	27.
37.8	93.9	11402.5	225.0	-52.6	99.9	229.9	26.0	19.6	17.1	337.9	999.9	99.9	999.9	45.1	28.
37.4	98.6	12155.3	200.0	-57.0	99.9	249.3	28.2	26.4	10.0	342.6	999.9	99.9	999.9	47.1	29.
39.3	103.6	12959.3	175.0	-61.8	99.9	258.1	33.7	32.9	7.0	348.	999.9	99.9	999.9	49.2	32.
43.5	109.0	13837.7	150.0	-66.3	99.9	999.9	99.9	99.9	99.9	355.9	999.9	99.9	999.9	51.6	34.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 31
HENNESSEY, OKLAHOMA

10 MAY 1979
212 GMT

100 126. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.3	343.0	961.0	23.7	17.7	180.0	8.0	0.0	8.0	300.2	335.8	13.4	69.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.2	11.3	451.5	950.0	23.1	99.9	149.5	15.2	-7.7	13.1	300.6	999.9	99.9	999.9	0.4	326.
1.1	13.5	602.4	925.0	21.59	99.9	150.8	15.8	-7.7	13.8	301.2	999.9	99.9	999.9	1.0	328.
2.0	15.9	918.1	900.0	19.79	99.9	155.2	16.9	-7.1	15.3	301.9	999.9	99.9	999.9	1.9	330.
2.9	18.1	1153.0	875.0	18.09	99.9	160.5	18.8	-5.3	17.8	302.5	999.9	99.9	999.9	2.9	333.
3.8	20.4	1405.5	850.0	16.39	99.9	168.9	21.6	-4.2	21.2	303.2	999.9	99.9	999.9	3.9	336.
4.7	22.7	1659.9	825.0	15.1	14.0	175.7	21.0	-1.6	21.0	304.6	338.1	12.3	93.1	5.0	340.
5.6	25.1	1919.8	800.0	13.3	12.2	178.3	20.2	-0.5	20.2	305.3	339.2	11.3	93.4	6.1	343.
6.6	27.5	2197.0	775.0	11.4	10.4	180.7	19.2	0.2	19.2	306.1	334.6	10.3	93.2	7.2	346.
7.4	29.9	2462.4	750.0	15.3	-29.4	186.8	20.9	2.5	29.8	313.2	314.7	8.4	3.1	8.6	348.
8.9	32.4	2744.3	725.0	15.7	-40.3	195.2	21.9	5.7	21.2	315 7	317.3	8.2	1.8	9.9	352.
10.3	34.9	3045.1	700.0	13.4	-41.7	195.3	22.3	5.9	21.5	317 6	317.9	8.1	1.3	11.3	355.
11.3	37.5	3343.2	675.0	11.1	-43.0	196.0	23.3	6.4	22.4	318 0	318.5	8.1	1.0	12.9	357.
12.5	40.1	3661.9	650.0	8.2	-42.7	197.6	22.6	6.9	21.6	318.2	318.7	8.1	1.3	14.6	360.
13.7	42.7	3993.4	625.0	5.2	-46.7	200.8	21.9	7.8	20.5	318.4	318.7	8.1	1.0	16.3	2.
15.4	45.4	4334.7	600.0	2.4	-48.5	200.8	21.8	7.6	20.4	318.9	319.2	8.1	1.0	18.2	4.
16.5	48.2	4696.2	575.0	-1.0	-50.4	199.7	22.7	7.7	21.4	318.9	319.1	8.1	1.0	20.0	5.
18.2	51.0	5036.6	550.0	-3.7	-50.0	202.2	23.2	8.8	21.5	319.7	319.9	8.1	1.3	21.8	7.
19.5	53.9	5373.5	525.0	-7.2	-50.1	206.2	22.6	10.0	20.2	319.8	320.1	8.1	1.7	23.6	8.
20.9	56.8	5751.6	500.0	-9.7	-53.7	210.8	24.9	12.8	21.4	321.2	321.4	8.0	1.3	25.3	9.
22.4	59.9	6145.8	475.0	-11.9	-51.4	217.3	25.6	15.5	20.4	323.3	323.5	8.1	2.1	27.5	12.
24.1	62.9	6557..	450.0	-15.1	-35.4	219.4	25.1	16.0	19.4	324.3	325.0	8.4	16.4	29.8	14.
25.3	66.1	6987.0	425.0	-17.3	-39.6	216.0	25.9	15.2	21.0	326.6	327.6	8.3	12.5	32.4	16.
27.0	69.4	7433.6	400.0	-21.0	-45.3	212.0	26.4	14.8	22.4	327.7	328.3	8.2	9.1	34.9	17.
28.2	72.7	7911.3	375.0	-24.7	-46.7	215.6	25.7	14.9	20.9	328.9	329.5	8.1	10.8	37.2	18.
30.3	76.3	8432.2	350.0	-28.9	-47.5	218.6	26.7	16.6	20.8	329.8	330.4	8.1	11.6	39.9	20.
32.9	80.0	8935.1	325.0	-32.7	-51.6	221.2	23.6	15.5	17.7	331.6	332.0	8.1	13.0	42.6	21.
35.1	83.7	9493.9	300.0	-37.0	-54.2	219.4	26.0	16.5	20.1	333.2	333.5	8.1	14.6	45.8	22.
37.5	87.7	10089.7	275.0	-41.6	99.9	221.9	26.0	17.1	19.4	335.0	999.9	99.9	999.9	49.4	24.
40.1	92.3	10729.6	250.0	-46.0	99.9	226.7	27.9	20.3	19.2	337.7	999.9	99.9	999.9	53.6	25.
42.4	95.5	11425.4	225.0	-50.5	99.9	248.7	24.4	22.7	8.9	341.1	999.9	99.9	999.9	56.7	27.
44.7	101.2	12191.4	200.0	-56.9	99.9	260.3	27.4	27.0	4.6	342.6	999.9	99.9	999.9	58.8	29.
47.7	106.4	13013.6	175.0	-63.6	99.9	260.9	35.8	35.3	6.7	345.0	999.9	99.9	999.9	61.8	33.
51.2	112.0	13996.9	150.0	-66.2	99.9	230.9	32.6	25.2	22.4	356.1	999.9	99.9	999.9	63.9	37.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 31
MENNESSEY, OKLAHOMA

10 MAY 1979
530 GMT

113 107. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PUT T DG K	MX RTO GR/KG	RH PCT	RANGE KM	AZ DG
0.0	9.6	363.0	962.0	23.5	18.2	180.0	6.2	0.0	6.2	300.0	336.6	13.8	72.0	0.0	0.
99.9	99.9	99.9	1300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	13.6	453.0	950.0	22.8	16.6	160.4	21.8	-7.3	20.4	300.4	338.5	14.4	77.1	0.4	336.
1.1	12.9	685.5	925.0	21.2	18.3	164.1	22.3	-6.1	21.5	301.0	339.5	14.5	83.3	1.1	339.
1.9	15.1	923.0	900.0	19.6	18.1	171.2	24.1	-3.7	23.9	301.7	340.9	14.7	90.9	2.4	343.
3.0	17.4	1166.0	875.0	17.9	16.7	178.0	25.5	-0.9	25.5	302.4	339.5	13.8	92.9	3.9	348.
4.0	19.6	1414.5	850.0	16.7	15.4	178.9	24.9	-0.5	24.9	303.6	338.9	13.1	92.1	5.4	351.
5.1	21.9	1669.3	825.0	15.4	12.9	179.4	23.9	-0.2	23.9	304.9	336.2	11.5	85.4	7.0	353.
6.1	24.3	1930.3	800.0	14.1	9.6	186.5	20.3	3.0	20.1	306.2	332.5	9.5	74.4	8.4	354.
7.1	26.6	2199.1	775.0	14.9	3.3	212.2	16.5	8.8	14.0	309.8	328.1	6.4	48.4	9.4	357.
8.1	29.1	2477.3	750.0	16.0	-4.4	220.6	18.2	11.8	13.8	314.0	325.1	3.7	24.2	10.1	1.
9.2	31.4	2764.1	725.0	14.0	-10.6	212.6	21.3	11.5	17.9	314.8	322.2	2.4	17.2	11.1	5.
10.2	33.9	3058.7	700.0	12.5	-14.7	210.0	22.3	11.2	19.4	316.3	321.8	1.7	13.5	12.4	8.
11.3	36.4	3362.3	675.0	10.5	-15.4	207.0	24.4	11.1	21.8	317.4	322.9	1.7	14.6	13.8	10.
12.3	38.9	3674.6	650.0	7.7	-14.9	205.1	24.5	10.4	22.2	317.7	323.6	1.9	18.3	15.3	11.
13.6	41.6	3996.2	625.0	5.1	-17.6	205.8	24.9	10.8	22.6	318.3	323.3	1.5	17.5	17.1	13.
14.9	44.1	4327.4	600.0	2.3	-19.9	208.1	25.8	12.1	22.7	318.8	323.1	1.3	17.5	19.0	14.
16.2	46.9	4669.0	575.0	-0.7	-22.5	210.3	26.0	13.1	22.5	319.2	322.8	1.1	17.2	21.1	16.
17.7	49.7	5022.0	550.0	-3.7	-25.5	210.6	26.3	13.4	22.6	319.7	322.6	0.9	16.6	23.3	17.
19.3	52.5	5387.4	525.0	-6.5	-29.0	211.3	25.6	13.3	21.9	320.6	322.8	0.7	14.7	25.7	19.
20.8	55.4	5766.7	500.0	-9.0	-30.8	211.8	25.0	13.1	21.2	322.1	324.1	0.6	15.1	27.9	20.
22.2	58.4	6161.7	475.0	-11.9	-25.2	210.3	25.4	12.8	21.9	323.2	326.7	1.0	32.1	30.1	20.
23.8	61.5	6572.9	450.0	-15.4	-26.4	214.2	22.3	12.5	18.5	323.9	327.2	1.0	38.1	32.2	21.
25.5	64.6	7002.9	425.0	-17.6	-32.5	212.9	23.0	12.5	19.3	326.5	328.5	0.6	25.6	34.5	22.
27.4	67.9	7454.2	400.0	-23.6	-37.5	209.5	24.1	11.8	21.0	328.2	329.6	0.4	20.2	37.1	23.
29.4	71.3	7929.3	375.0	-26.5	-39.3	215.6	24.0	13.9	19.5	329.2	330.4	0.3	23.7	39.8	23.
31.4	74.7	8427.3	350.0	-27.8	-43.3	222.2	24.5	16.4	18.1	331.3	332.1	0.2	21.0	42.8	24.
33.7	78.2	8956.5	325.0	-30.9	-46.0	220.1	26.2	16.9	20.0	334.1	334.8	0.2	20.8	46.1	26.
36.3	82.9	9519.2	300.0	-35.2	-49.6	218.8	28.5	17.8	22.2	335.7	336.2	0.1	21.1	49.9	27.
38.3	85.9	10118.3	275.0	-40.6*	99.9	222.6	34.4	23.2	25.3	336.4	999.9	99.9	999.9	53.4	28.
39.9	90.0	10760.2	250.0	-45.6*	99.9	247.1	23.7	21.8	8.2	338.3	999.9	99.9	999.9	56.3	29.
42.0	94.5	11456.2	225.0	-51.2*	99.9	255.5	25.8	25.0	6.5	340.1	999.9	99.9	999.9	59.2	31.
44.7	99.2	12208.0	200.0	-58.0	99.9	265.7	23.8	23.7	1.8	341.0	999.9	99.9	999.9	61.4	34.
48.3	104.3	13035.6	175.0	-64.3	99.9	252.7	21.5	20.5	6.4	343.8	999.9	99.9	999.9	64.2	37.
51.3	113.6	13966.5	150.0	-68.5	99.9	223.1	27.2	18.8	19.9	352.1	999.9	99.9	999.9	66.5	38.
56.2	116.0	15072.1	125.0	-63.1	99.9	999.9	99.9	99.9	99.9	380.8	999.9	99.9	999.9	77.1	38.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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STATION NO. 31
HENNESSEY, OKLAHOMA

10 MAY 1979
830 GMT

66 393. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.4	363.0	963.6	22.5	16.1	180.0	7.2	0.0	7.2	298.8	330.8	12.0	67.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	11.7	667.3	950.0	22.3	19.5	173.7	13.1	-1.4	13.0	299.8	340.1	15.2	86.1	0.4	336.
1.2	14.1	679.7	925.0	20.8	19.0	176.2	16.5	-1.1	16.4	300.6	340.8	15.2	89.2	1.0	345.
2.1	16.5	917.1	900.0	19.4	18.0	186.6	19.9	2.3	19.8	301.5	340.6	14.7	91.7	1.9	353.
3.1	18.9	1180.1	875.0	18.6	16.8	192.7	23.3	5.1	22.7	303.1	340.6	14.0	89.4	3.1	0.
3.9	21.3	1429.2	850.0	17.3	15.2	199.0	22.5	7.3	21.3	304.3	339.3	12.9	87.3	4.3	5.
4.9	23.9	1696.2	825.0	15.5	13.2	206.0	21.5	9.4	19.3	305.0	336.8	11.7	86.3	5.6	9.
5.9	26.3	1965.8	800.0	14.7	12.2	213.3	19.9	10.9	16.7	306.8	337.9	11.3	85.1	6.8	13.
7.1	28.9	2214.2	775.0	12.7	11.3	218.8	19.7	12.3	15.3	307.4	337.1	10.7	89.5	7.9	16.
8.1	31.5	2499.6	750.0	11.1	9.0	222.7	19.7	13.4	14.5	308.6	335.8	9.7	87.4	9.2	20.
9.2	34.1	2772.7	725.0	9.7	7.2	224.1	19.0	13.2	13.6	310.1	335.1	8.8	84.2	10.4	23.
10.4	36.9	3061.7	700.0	7.2	5.6	223.5	16.8	11.6	12.2	310.4	333.8	8.2	89.6	11.5	25.
11.4	39.6	3342.3	675.0	5.3	3.6	218.2	16.4	10.1	12.9	311.6	332.9	7.4	89.1	12.4	26.
12.6	42.3	3671.4	650.0	5.9	-7.6	209.6	15.3	7.5	13.3	315.7	335.9	3.3	37.3	13.4	27.
13.8	45.2	3991.4	625.0	3.8	-14.1	205.1	17.6	7.5	16.0	316.8	323.3	2.1	25.6	14.7	27.
15.1	48.1	4321.2	600.0	1.2	-21.5	204.9	22.1	9.0	20.2	317.6	321.3	1.1	16.4	16.2	27.
16.5	51.1	4662.2	575.0	-1.1	-33.3	201.6	23.9	8.0	22.2	318.8	320.1	0.4	6.5	18.1	26.
18.0	54.1	5014.2	550.0	-4.2	-31.5	201.6	25.9	9.5	24.2	319.1	320.8	0.5	9.6	20.4	26.
19.6	57.1	5379.9	525.0	-6.2	-35.3	202.2	25.1	9.5	23.2	321.0	322.2	0.4	7.8	22.6	25.
20.8	60.3	5753.1	500.0	-8.6	-30.1	207.0	25.7	12.3	22.7	322.6	324.7	0.6	15.7	24.7	25.
22.2	63.6	6134.1	475.0	-11.8	-23.7	213.6	24.7	13.7	20.5	323.4	326.0	0.7	23.0	26.9	25.
23.8	67.0	6526.3	450.0	-14.1	-34.5	213.2	25.1	13.2	20.2	325.6	327.1	0.4	15.3	29.1	26.
25.4	70.5	6927.4	425.0	-17.7	-37.3	999.9	99.9	99.9	99.9	326.4	327.4	0.3	11.0	999.9	999.
27.0	74.0	7340.4	400.0	-20.2	-42.3	999.9	99.9	99.9	99.9	328.7	329.5	0.2	11.8	999.9	999.
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.9	999.

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STATION NO. 31
HENNESSEY, OKLAMOMA

10 MAY 1979
1112 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.8	343.0	965.5	13.0	11.4	999.9	99.9	99.9	99.9	289.0	311.8	8.8	93.0	999.9	999.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	11.1	478.9	950.0	10.6	9.7	999.9	99.9	99.9	99.9	288.0	308.7	8.0	94.2	999.9	999.
1.3	13.4	701.7	925.0	12.2	11.4	999.9	99.9	99.9	99.9	291.8	316.4	9.4	95.1	999.9	999.
2.2	15.5	935.2	900.0	17.3	16.8	999.9	99.9	99.9	99.9	299.3	335.1	13.5	96.7	999.9	999.
3.0	17.8	1176.9	875.0	17.0	16.5	999.9	99.9	99.9	99.9	301.5	338.0	13.7	95.9	999.9	999.
3.9	20.1	1424.6	850.0	15.9	15.4	999.9	99.9	99.9	99.9	302.8	335.1	13.1	97.0	999.9	999.
99.9	99.9	99.9	825.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	800.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	750.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	9	99.9	725.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	700.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	675.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	650.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	625.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 32
HINTON, OKLAHOMA

9 MAY 1979
1105 GMT

113 100. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.0	507.0	943.2	18.9	17.7	195.0	0.8	2.3	8.5	297.0	332.9	13.7	93.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	12.7	675.3	925.0	19.1	16.8	183.7	19.5	1.2	19.4	298.9	333.7	13.2	86.5	0.5	2.
1.4	14.9	810.9	900.0	17.3	16.0	187.1	22.5	2.8	22.4	299.4	333.5	12.9	92.1	1.5	3.
2.1	17.1	1152.0	875.0	15.8	14.9	195.3	27.3	7.2	26.3	300.2	333.1	12.3	94.6	2.6	6.
2.3	19.4	1298.6	850.0	14.2	13.3	205.0	28.2	11.9	25.6	301.1	331.8	11.4	94.3	4.0	11.
3.4	21.6	1452.1	825.0	12.3	12.7	214.5	26.2	14.8	21.6	305.9	336.9	11.3	89.0	5.3	16.
4.4	24.3	1916.0	800.0	22.0	-30.5	239.9	22.6	11.2	19.6	314.6	315.3	0.2	1.0	6.5	19.
5.6	26.3	2190.2	775.0	20.4	-28.1	208.9	17.4	8.4	15.2	315.8	317.6	0.6	2.8	7.4	20.
6.2	28.7	2471.1	750.0	18.2	-38.9	209.1	20.8	10.1	18.2	316.4	317.0	0.2	1.0	8.2	21.
7.2	31.1	2759.5	725.0	16.0	-40.1	211.5	21.4	11.2	18.2	317.0	317.6	0.2	1.0	9.4	22.
7.3	33.6	3055.7	700.0	13.5	-41.6	211.3	22.2	11.5	18.9	317.5	318.3	0.1	1.0	10.4	23.
8.7	36.1	3359.6	675.0	11.1	-37.5	209.1	23.0	10.0	20.3	318.0	318.6	0.2	1.0	11.6	24.
9.7	38.7	3672.1	650.0	7.9	-36.9	205.2	24.1	10.2	21.8	317.9	320.3	0.7	3.0	12.9	24.
13.6	41.3	3993.3	625.0	4.6	-26.5	203.9	25.0	10.1	22.9	317.7	326.0	0.7	5.2	14.4	24.
11.9	43.9	4323.6	600.0	1.5	-28.5	203.2	24.1	9.5	22.1	317.9	320.0	0.6	3.5	16.3	24.
13.2	46.7	4664.4	575.0	-1.2	-47.2	201.9	23.5	8.4	22.0	318.6	319.0	0.1	0.7	18.1	24.
14.5	49.4	5017.4	550.0	-3.1	-51.9	197.3	19.5	5.0	18.6	320.5	320.7	0.1	0.8	19.8	24.
15.7	52.2	5383.7	525.0	-5.6	-39.3	189.0	17.0	5.5	16.0	321.7	322.6	0.2	2.0	21.1	23.
16.8	55.1	5763.5	500.0	-8.9	-38.8	201.6	13.0	4.8	12.1	322.2	323.7	0.3	2.7	22.1	23.
18.0	58.1	6158.0	475.0	-12.5	-40.8	208.9	11.5	5.2	10.3	322.5	323.3	0.2	1.6	22.9	23.
19.2	61.1	6567.4	450.0	-16.7	-32.3	210.4	13.2	6.7	11.6	322.3	324.3	0.6	3.9	23.7	23.
20.2	64.3	6993.8	425.0	-20.4	-36.8	206.2	12.1	5.4	10.9	322.9	324.5	0.5	3.6	24.5	23.
21.3	67.6	7440.1	400.0	-23.5	-42.1	199.4	12.8	4.3	12.1	324.4	325.3	0.2	1.4	25.4	23.
22.7	70.9	7909.6	375.0	-27.1	-43.7	199.0	14.5	4.7	13.7	325.8	326.5	0.2	1.8	26.5	23.
24.1	74.4	8402.6	350.0	-30.4	-48.5	207.3	15.8	7.2	14.0	327.8	328.3	0.1	1.4	27.9	23.
25.1	78.0	8924.8	325.0	-34.2	-53.5	217.4	23.6	14.3	18.7	329.5	329.8	0.1	1.1	29.9	24.
24.3	81.9	9480.0	300.0	-38.5	-55.4	214.9	21.7	15.3	15.3	331.2	331.5	0.1	1.6	33.0	25.
30.1	85.8	10070.7	275.0	-44.3	99.9	231.7	21.9	17.1	13.5	331.1	999.9	99.9	999.9	35.0	27.
31.7	90.0	10701.8	250.0	-49.9	99.9	236.3	23.3	19.4	13.0	332.0	999.9	99.9	999.9	37.0	28.
33.4	94.4	11382.5	225.0	-55.9	99.9	238.4	22.5	18.7	12.5	332.9	999.9	99.9	999.9	39.0	30.
35.0	99.2	12124.6	200.0	-60.6	99.9	228.7	21.6	14.1	14.4	336.8	999.9	99.9	999.9	41.1	31.
36.9	104.2	12945.3	175.0	-64.3	99.9	231.0	20.3	10.9	15.3	343.9	999.9	**	999.9	43.4	32.
38.3	109.8	13918.9	150.0	-58.8	99.9	232.6	25.5	20.2	15.5	368.8	999.9	*	999.9	47.0	34.
42.0	116.0	15048.2	125.0	-61.5	99.9	999.9	99.9	99.9	99.9	383.6	999.9	*	999.9	51.2	35.
45.9	123.0	16414.5	100.0	-64.6	99.9	999.9	99.9	99.9	99.9	403.8	999.9	*	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	* *	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 32
HENTON, OKLAHOMA

6 MAY 1979
1405 GMT

112 100. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.2	307.0	964.0	20.7	12.6	170.0	6.2	-1.1	6.1	298.7	324.6	9.7	59.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.0	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.0	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	12.9	646.3	925.0	18.6	16.4	173.2	21.2	-2.5	21.0	298.4	333.2	13.2	89.4	0.6	352.
1.4	15.1	921.3	900.0	16.7	15.6	182.0	22.4	0.8	22.4	298.7	331.9	12.9	93.4	1.6	350.
2.3	17.3	1162.4	875.0	15.2	15.2	200.4	22.4	7.8	21.0	300.7	334.1	12.5	93.3	2.7	1.
3.1	19.5	1410.1	850.0	16.3	14.5	214.2	22.3	12.5	18.4	303.3	336.7	12.3	88.9	3.7	9.
3.8	21.9	1666.7	825.0	15.4	13.2	221.7	22.2	14.8	16.6	304.9	336.8	11.7	86.4	4.6	15.
4.6	24.1	1925.4	800.0	13.2	11.4	225.9	22.4	16.1	15.6	305.2	336.5	10.7	88.7	5.5	21.
5.5	26.4	2193.2	775.0	14.7	6.7	212.4	22.5	12.1	14.9	309.6	332.7	8.2	62.7	6.6	26.
6.7	28.8	2473.2	750.0	18.2	-5.4	199.9	20.7	7.0	19.4	316.3	326.8	3.4	19.5	8.2	26.
7.9	31.2	2761.9	725.0	15.7	-10.9	201.3	19.9	7.2	18.5	316.7	323.9	2.3	14.9	9.3	23.
9.4	33.6	3058.1	700.0	13.4	-14.5	203.3	19.3	7.6	17.7	317.3	322.9	1.8	12.9	10.2	23.
9.8	35.3	3362.2	675.0	11.2	-14.7	203.9	17.7	7.2	16.2	318.2	324.0	1.8	14.7	11.2	23.
10.3	38.8	3675.2	650.0	7.9	-16.3	203.9	19.4	7.9	17.8	317.9	323.2	1.6	16.0	12.3	23.
11.5	41.2	3996.5	625.0	4.6	-17.9	203.5	20.4	8.1	18.7	317.7	322.6	1.5	17.6	13.7	23.
12.7	43.5	4327.1	600.0	1.7	-19.5	204.4	17.7	7.3	16.1	318.1	322.5	1.4	19.0	15.1	24.
14.3	46.4	4667.8	575.0	-1.4	-23.4	206.4	17.6	7.8	15.8	318.4	321.8	1.0	16.7	16.5	24.
15.4	49.2	5020.5	550.0	-3.7	-25.5	208.5	21.4	7.5	20.0	319.8	322.7	0.9	16.4	18.3	24.
16.5	52.0	5386.0	525.0	-6.4	-28.9	208.1	20.5	9.0	19.9	320.8	323.0	0.7	14.6	19.5	23.
17.7	54.9	5765.2	500.0	-9.2	-29.5	192.3	18.4	3.9	18.0	321.8	324.1	0.7	17.4	20.9	23.
19.7	57.9	6159.7	475.0	-12.1	-32.7	190.9	16.8	3.2	16.5	323.8	324.7	0.5	16.1	21.8	22.
19.8	60.9	6573.3	450.0	-15.9	-36.2	194.5	19.6	4.9	19.0	323.2	324.6	0.4	15.5	23.1	22.
23.9	64.2	7007.2	425.0	-19.6	-38.9	198.8	20.2	6.5	19.2	324.2	325.3	0.3	15.9	24.3	21.
27.1	67.1	7445.4	400.0	-23.1	-41.6	205.7	20.9	9.0	18.8	325.0	325.9	0.2	16.4	25.8	21.
23.4	73.5	7915.0	375.0	-27.1	-43.7	211.1	18.9	9.7	16.2	325.8	326.5	0.2	19.9	27.4	22.
25.0	74.0	8407.6	350.0	-31.2	-45.3	215.3	18.5	10.7	15.1	326.7	327.4	0.2	23.3	29.1	22.
27.2	77.6	8928.6	325.0	-35.0	-47.0	212.7	23.8	12.9	20.1	328.4	329.0	0.2	29.1	31.7	23.
29.6	81.3	9483.4	300.0	-39.1	-51.2	219.0	26.3	16.6	20.4	331.6	332.1	0.1	23.7	35.4	25.
31.9	85.2	10075.1	275.0	-43.7	99.9	222.5	25.5	17.3	18.8	331.9	999.9	99.9	999.9	38.8	26.
34.2	89.1	10707.2	250.0	-47.5	99.9	224.5	24.1	18.1	16.0	332.6	999.9	99.9	999.9	42.1	28.
36.5	93.9	11380.4	225.0	-53.7	99.9	230.2	27.2	20.9	17.4	336.2	999.9	99.9	999.9	45.6	29.
39.0	94.4	12137.9	203.0	-59.2	99.9	226.4	30.2	21.9	20.8	339.1	999.	99.9	999.9	49.4	31.
41.9	103.6	12964.7	175.0	-64.4	99.9	224.1	34.1	23.7	24.5	343.7	999.9	99.9	999.9	54.4	32.
45.3	109.0	13926.6	150.0	-57.5	99.9	221.0	29.3	19.2	22.1	371.0	999.9	99.9	999.9	61.1	34.
48.8	115.3	15066.1	125.0	-60.7	99.9	999.9	99.9	99.9	99.9	385.1	999.9	99.9	999.9	67.3	36.
52.7	122.0	16441.5	100.0	-64.4	99.9	999.9	99.9	99.9	99.9	403.4	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	99.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 32
HINTON, OKLAHOMA

9 MAY 1979
1738 GMT

128 99. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.2	507.0	944.4	26.6	17.1	185.0	9.3	9.8	9.3	304.7	340.4	13.1	56.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.4	14.2	686.5	925.0	21.6	17.1	170.0	17.6	-3.1	17.3	301.4	337.3	13.4	75.5	0.3	352.
1.0	16.6	926.1	900.0	19.2	17.0	172.9	16.6	-2.0	16.5	301.4	337.9	13.7	86.6	0.8	351.
1.6	19.1	1163.3	875.0	17.0	15.9	183.8	17.3	1.2	17.2	301.5	336.6	13.1	93.1	1.4	353.
2.4	21.6	1416.3	850.0	16.2	15.2	200.9	18.4	6.6	17.1	303.1	338.0	12.9	93.9	2.2	0.
3.4	24.2	1670.9	825.0	15.5	14.5	214.7	15.6	8.9	12.9	305.0	339.7	12.8	96.2	3.2	10.
4.3	26.8	1932.4	800.0	14.1	10.3	207.9	13.7	6.4	12.1	306.2	333.7	9.9	77.9	3.9	15.
5.1	29.4	2202.9	775.0	19.1	-9.1	193.4	15.6	3.6	15.2	314.4	322.1	2.5	13.9	4.5	15.
5.9	32.1	2483.6	750.0	18.9	-18.0	193.1	19.4	4.4	18.9	317.1	321.1	1.2	6.8	5.4	15.
6.9	34.9	2772.5	725.0	16.4	-19.4	195.4	22.9	6.1	22.1	317.4	321.1	1.1	7.0	6.6	15.
7.7	37.6	3069.3	700.0	13.9	-18.7	198.3	23.1	7.2	22.0	317.9	322.3	1.3	8.9	7.9	15.
8.9	40.4	3373.9	675.0	11.1	-18.9	202.1	22.3	8.4	20.7	318.0	322.2	1.3	10.4	9.4	16.
10.0	43.3	3686.4	650.0	7.8	-21.1	202.5	22.9	8.5	21.1	317.8	321.3	1.1	10.7	10.9	17.
11.0	46.3	4007.7	625.0	4.7	-20.7	202.5	22.2	8.5	20.5	317.9	321.7	1.2	13.7	12.3	17.
12.2	49.3	4338.4	600.0	1.7	-22.9	200.8	21.9	7.8	20.5	318.1	321.4	1.0	14.0	13.8	18.
13.4	52.3	4679.3	575.0	-1.6	-23.5	199.3	23.1	7.6	21.8	318.2	321.5	1.0	16.8	15.4	18.
14.5	55.4	5031.0	550.0	-4.7	-26.6	198.2	24.0	7.5	22.8	318.5	321.2	0.8	16.1	17.0	18.
15.3	58.5	5395.8	525.0	-6.5	-33.7	197.7	24.6	7.5	23.4	320.6	322.0	0.4	9.3	18.9	18.
17.1	61.8	5774.9	500.0	-9.3	-35.6	200.4	20.8	7.3	19.5	321.7	323.0	0.4	9.6	20.7	18.
18.6	65.1	6169.6	475.0	-12.6	-35.5	205.0	20.8	8.8	18.8	322.3	323.7	0.4	12.6	22.3	19.
19.7	68.6	6578.4	450.0	-16.2	-38.1	203.7	21.6	8.7	19.8	322.9	324.0	0.3	13.0	24.0	19.
21.1	72.0	7006.3	425.0	-19.1	-40.3	204.4	24.0	9.9	21.9	324.5	325.5	0.3	13.2	25.7	19.
22.6	75.7	7454.4	400.0	-22.7	-43.0	208.6	23.8	11.4	20.9	325.5	326.3	0.2	13.6	28.0	20.
24.4	79.4	7924.8	375.0	-26.2	-45.7	211.3	25.4	13.2	21.7	327.0	327.6	0.2	13.9	30.5	21.
26.1	83.3	8420.1	350.0	-30.4	-47.5	218.8	23.3	14.6	18.2	327.8	328.3	0.1	16.7	33.0	22.
27.8	87.3	8943.2	325.0	-33.9	-49.2	219.1	27.7	17.5	21.5	330.0	330.5	0.1	19.3	35.5	23.
29.5	91.7	9499.1	300.0	-38.2	-51.9	220.5	29.9	19.4	22.8	331.6	332.0	0.1	21.7	38.8	24.
31.9	96.2	10091.7	275.0	-42.9	99.9	221.6	32.2	21.4	24.1	333.0	999.9	99.9	999.9	42.6	26.
34.4	101.0	10726.2	250.0	-48.5	99.9	229.4	30.3	23.0	19.7	333.9	999.9	99.9	999.9	47.0	28.
37.0	106.0	11411.6	225.0	-53.2	99.9	232.5	29.8	23.6	18.1	336.9	999.9	99.9	999.9	50.8	30.
39.6	111.5	12162.9	200.0	-57.7	99.9	218.3	31.4	19.4	24.6	341.3	999.9	99.9	999.9	56.0	31.
42.3	117.5	12995.3	175.0	-63.1	99.9	239.3	25.9	22.2	13.2	345.8	999.9	99.9	999.9	61.0	32.
45.1	123.8	13950.1	150.0	-60.2	99.9	228.2	36.2	27.0	24.1	366.3	999.9	99.9	999.9	65.5	33.
48.9	131.0	15093.2	125.0	-60.1	99.9	217.0	28.8	17.2	22.9	386.2	999.9	99.9	999.9	73.5	34.
52.8	138.7	16477.1	100.0	-60.2	99.9	999.9	99.9	99.9	99.9	411.5	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 32
MENTON, OKLAHOMA

9 MAY 1979
2006 GMT

126 100. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.9	507.9	944.1	26.7	18.6	180.0	6.7	0.0	6.7	304.8	343.9	14.4	61.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	13.6	686.7	925.0	22.5	17.7	172.9	15.9	-2.0	15.8	302.3	339.8	14.0	76.5	0.5	357.
1.5	16.1	926.5	900.0	20.5	16.9	170.9	17.0	-2.7	16.8	302.6	339.3	13.6	80.1	1.3	353.
2.4	18.9	1167.9	875.0	18.3	16.2	177.7	16.7	-0.7	16.7	302.8	338.9	13.4	87.5	2.2	353.
3.3	21.9	1417.9	850.0	18.0	14.9	180.0	14.9	1.0	14.8	305.0	339.4	12.6	81.6	3.1	355.
4.1	23.5	1672.5	825.0	16.0	13.3	191.1	11.9	2.3	11.7	305.5	337.7	11.8	84.2	3.7	357.
5.1	26.1	1933.8	800.0	13.9	12.4	192.8	12.3	2.7	12.0	305.9	337.6	11.5	91.2	4.6	0.
6.2	29.7	2201.1	775.0	11.1	10.2	192.9	13.2	2.9	12.8	305.8	333.9	10.2	94.1	5.1	2.
7.1	31.2	2476.2	750.0	15.5	-39.4	193.2	17.1	3.9	16.7	313.5	314.0	0.2	1.1	5.9	3.
8.2	33.9	2763.4	725.0	16.0	-39.7	197.9	20.0	6.1	19.1	317.0	317.6	0.2	1.0	7.1	5.
9.1	36.6	3053.7	700.0	14.3	-39.2	200.9	22.7	8.1	21.2	318.3	318.9	0.2	1.2	8.4	7.
10.1	39.2	3366.6	675.0	11.8	-38.9	202.3	23.1	8.8	21.4	318.8	319.5	0.2	1.5	9.6	10.
11.2	42.0	3678.2	650.0	8.9	-38.9	199.9	24.7	8.0	23.4	319.1	319.8	0.2	1.8	11.0	11.
12.2	44.9	4000.5	625.0	5.7	-33.7	196.4	24.4	6.1	23.6	319.0	320.6	0.5	5.1	12.6	12.
13.6	47.8	4332.3	600.0	2.6	-32.2	196.2	24.2	5.1	23.6	319.2	320.6	0.4	5.5	14.7	12.
15.2	50.9	4674.2	575.0	-0.6	-29.8	195.3	23.3	6.2	22.5	319.3	321.2	0.6	8.7	17.0	12.
16.6	53.8	5027.2	550.0	-3.8	-31.3	202.3	22.2	8.4	20.6	319.5	321.2	0.5	9.0	19.0	13.
18.0	56.9	5392.2	525.0	-6.7	-42.6	205.3	23.5	10.1	21.2	320.4	321.0	0.2	3.9	20.8	14.
19.4	60.0	5771.2	500.0	-9.2	-44.4	205.3	29.1	10.1	27.2	321.9	322.4	0.1	3.8	22.9	15.
20.5	63.1	6166.1	475.0	-11.7	-45.6	200.2	29.4	10.1	27.6	323.5	324.0	0.1	4.0	24.9	15.
21.9	66.6	6577.6	450.0	-14.9	-47.2	203.9	23.5	9.5	21.5	324.5	324.9	0.1	4.4	27.0	16.
23.7	70.1	7007.2	425.0	-17.9	-48.8	207.2	26.1	11.9	23.2	326.1	326.5	0.1	4.7	29.5	16.
25.4	73.7	7457.6	400.0	-20.6	-50.3	212.1	28.7	15.3	24.3	328.2	328.5	0.1	5.0	32.3	17.
27.2	77.3	7931.2	375.0	-25.0	-46.7	216.7	30.7	17.5	25.3	328.5	329.0	0.1	11.2	35.4	19.
29.0	81.2	8424.6	350.0	-28.5	-49.2	222.1	26.9	18.0	19.9	330.4	330.8	0.1	11.5	38.3	20.
30.7	85.2	8954.8	325.0	-32.8	-52.4	225.2	28.7	20.4	20.2	331.4	331.8	0.1	11.9	40.8	22.
32.6	89.3	9513.2	300.0	-37.6	-56.0	226.4	27.8	20.1	19.2	332.6	332.6	0.1	12.4	43.9	24.
34.8	93.8	10107.2	275.0	-42.1	99.9	224.6	30.2	21.2	21.5	334.3	999.9	99.9	999.9	47.3	26.
37.2	99.0	10745.8	250.0	-47.5	99.9	222.6	33.2	22.4	24.4	335.4	999.9	99.9	999.9	51.9	27.
39.7	103.4	11433.3	225.0	-53.2	99.9	230.4	31.9	24.6	20.6	337.0	999.9	99.9	999.9	56.5	29.
42.2	109.9	12183.8	200.0	-59.1	99.9	235.6	30.8	24.8	17.0	340.4	999.9	99.9	999.9	60.9	30.
44.8	114.6	13016.9	175.0	-62.5	99.9	232.6	28.6	22.7	17.3	346.8	999.9	99.9	999.9	64.8	32.
47.3	121.3	13976.9	150.0	-59.6	99.9	225.0	34.7	24.5	24.5	367.4	999.9	99.9	999.9	69.3	33.
51.7	128.3	15118.5	125.0	-60.5	999.9	999.9	99.9	99.9	99.9	385.5	999.9	99.9	999.9	76.6	34.
54.4	136.0	16503.8	100.0	-61.0	99.9	999.9	99.9	99.9	99.9	409.8	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 18 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 32
MINTON, OKLAHOMA

9 MAY 1979
2303 GMT

SFC 891. C

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.5	507.0	942.5	24.8	18.7	180.0	7.7	0.0	7.7	303.0	342.3	14.6	69.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	13.1	671.9	925.0	23.7	18.9	157.3	16.6	-6.4	15.3	303.6	344.0	15.0	76.4	8.4	334.
1.0	15.3	911.3	900.0	21.6	18.1	157.7	16.2	-6.1	15.0	303.8	343.5	14.8	80.7	0.9	336.
1.6	17.5	1155.2	875.0	18.8	17.5	158.6	16.6	-6.1	15.5	303.4	342.5	14.5	91.7	1.5	337.
2.3	19.7	1405.0	850.0	16.7	15.9	165.8	16.6	-4.1	16.1	303.7	340.2	13.5	94.9	2.2	337.
3.2	22.3	1659.6	825.0	15.0	14.1	176.8	18.1	-1.0	18.1	304.5	338.2	12.4	94.1	3.1	342.
4.3	24.4	1920.4	800.0	13.2	11.2	182.0	17.9	0.6	17.9	305.3	335.7	11.1	91.9	4.0	346.
5.1	26.6	2188.4	775.0	15.8	-5.4	193.4	20.6	4.8	20.1	310.8	324.5	4.8	38.4	5.0	350.
6.0	27.9	2464.4	750.0	18.7	-21.6	195.2	23.0	6.1	22.2	316.9	319.9	0.9	5.0	6.2	356.
7.1	31.4	2757.4	725.0	16.2	-25.7	191.1	23.9	4.6	23.5	317.2	319.4	0.6	4.1	7.6	359.
7.9	33.8	3054.1	700.0	14.2	-26.5	191.9	26.8	5.5	26.2	318.2	320.3	0.6	4.3	8.9	1.
8.7	36.1	3353.1	675.0	11.8	-27.6	194.4	27.9	6.9	27.1	318.9	320.9	0.6	4.5	10.2	2.
9.7	38.6	3672.6	650.0	8.9	-23.9	199.9	26.5	9.0	24.9	319.0	321.9	0.9	7.8	11.8	4.
10.8	41.1	3995.2	625.0	6.2	-25.5	203.8	26.0	10.5	23.8	319.5	322.1	0.8	8.0	13.5	7.
12.1	43.8	4327.6	600.0	3.2	-27.4	205.0	25.6	10.8	23.2	319.8	322.1	0.7	8.3	15.3	9.
13.3	46.4	4670.1	575.0	-0.2	-29.6	202.6	27.0	10.4	24.9	319.7	321.7	0.6	8.7	17.1	10.
14.4	49.1	5023.4	550.0	-3.5	-31.7	199.6	27.3	9.1	25.7	319.9	321.6	0.5	9.0	19.0	11.
15.5	51.9	5390.3	525.0	-4.9	-36.4	201.2	27.0	10.0	25.1	322.5	323.7	0.3	6.3	20.7	12.
16.5	54.9	5771.6	500.0	-7.7	-38.1	205.9	29.1	12.7	26.2	323.7	324.7	0.3	6.6	22.4	13.
17.7	57.8	6168.2	475.0	-10.8	-40.0	212.4	27.0	14.4	22.8	324.6	325.5	0.2	6.9	24.3	14.
19.1	60.8	6581.0	450.0	-14.2	-42.1	215.1	27.9	16.0	22.8	325.4	326.2	0.2	7.3	26.5	16.
20.6	63.9	7011.5	425.0	-17.9	-44.4	219.7	29.1	18.6	22.4	326.1	326.7	0.2	7.6	28.9	18.
22.4	67.1	7462.1	400.0	-20.9	-43.4	225.6	28.1	20.1	19.7	327.9	328.6	0.2	11.1	31.6	20.
24.3	70.4	7936.1	375.0	-23.6	-48.2	229.0	29.0	22.0	19.0	330.4	330.9	0.1	8.2	34.5	23.
26.1	73.9	8437.0	350.0	-27.2	-50.6	234.4	30.0	24.3	17.5	332.1	332.5	0.1	8.6	37.3	25.
27.9	77.4	8966.5	325.0	-31.7	-52.9	238.6	29.8	24.8	16.5	333.0	333.4	0.1	10.3	40.1	27.
29.9	81.1	9526.8	300.0	-36.8	-55.4	238.5	29.9	25.5	15.6	333.5	333.8	0.1	12.3	43.1	30.
32.2	85.0	10122.5	275.0	-41.9	99.9	238.2	28.6	24.3	15.1	334.5	999.9	99.9	999.9	46.8	32.
34.5	89.0	10761.1	250.0	-47.1	99.9	233.4	27.3	21.9	16.3	336.1	999.9	99.9	999.9	50.6	34.
37.9	93.4	11453.6	225.0	-52.5	99.9	238.8	29.7	25.4	15.4	338.0	999.9	99.9	999.9	55.4	36.
40.8	98.0	12203.0	200.0	-57.3	99.9	256.3	34.1	32.9	9.3	342.0	999.9	99.9	999.9	60.6	39.
43.3	103.0	13035.0	175.0	-63.4	99.9	256.6	32.4	31.5	7.5	345.3	999.9	99.9	999.9	64.4	42.
46.1	108.5	13991.8	150.0	-61.6	99.9	231.8	30.8	24.2	19.0	363.9	999.9	99.9	999.9	69.2	43.
50.1	114.5	15115.7	125.0	-64.2	99.9	999.9	99.9	99.9	99.9	378.8	999.9	99.9	999.9	76.3	44.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 32
HINTON, OKLAHOMA

18 MAY 1979
205 GMT

100 150. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.3	507.0	942.3	22.9	18.2	145.0	7.7	-4.4	6.3	301.1	338.9	14.2	75.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	14.0	669.1	925.0	22.9	19.5	155.1	20.0	-8.4	18.2	302.7	344.5	15.6	81.1	0.4	334.
1.2	16.4	908.0	900.0	20.8	19.8	158.1	22.0	-8.2	20.4	303.0	346.7	16.4	93.7	1.2	335.
2.1	18.9	1151.6	875.0	18.4	17.5	163.8	23.7	-6.6	22.8	302.9	342.0	14.6	94.6	2.4	338.
2.9	21.3	1400.7	850.0	17.3	16.4	170.9	24.0	-3.8	23.7	304.3	342.0	14.0	94.5	3.7	341.
3.7	23.8	1655.6	825.0	15.1	14.4	175.9	23.5	-1.7	23.4	304.8	339.2	12.6	94.2	4.8	344.
4.5	26.3	1917.1	800.0	14.6	13.7	180.4	22.5	0.2	22.5	306.7	341.0	12.5	94.6	5.8	347.
5.3	28.9	2184.9	775.0	11.7	10.8	191.4	20.4	4.0	20.0	306.4	335.5	10.6	94.1	6.8	349.
6.1	31.5	2460.1	750.0	14.1	-26.6	205.5	22.3	9.6	20.1	311.9	313.8	0.6	4.3	7.7	353.
7.0	34.1	2747.0	725.0	15.8	-25.8	203.3	26.5	10.5	24.3	316.8	319.0	0.6	4.1	8.9	358.
8.3	36.9	3043.3	700.0	14.0	-26.6	197.4	27.0	8.1	25.8	318.0	320.1	0.6	4.3	10.3	1.
8.9	39.6	3349.0	675.0	11.5	-29.6	196.4	28.6	8.1	27.4	318.6	320.3	0.5	3.8	11.8	3.
9.9	42.4	3661.2	650.0	8.8	-38.9	201.4	26.8	9.7	24.8	318.9	319.6	0.2	1.8	13.3	5.
10.9	45.2	3983.5	625.0	5.9	-39.3	204.8	26.4	11.0	24.0	319.2	319.9	0.2	2.1	14.9	7.
11.9	48.1	4315.3	600.0	2.7	-40.0	205.6	27.5	11.9	24.8	319.3	320.0	0.2	2.5	16.5	9.
13.1	51.0	4657.2	575.0	-0.4	-40.9	208.1	27.5	13.0	24.3	319.6	320.2	0.2	2.8	18.3	11.
14.3	54.0	5010.4	550.0	-3.7	-42.1	209.7	28.6	14.2	24.9	319.8	320.4	0.2	3.2	20.3	12.
15.5	57.1	5376.5	525.0	-5.4	-42.9	210.6	27.0	13.7	23.2	321.9	322.5	0.2	3.3	22.3	14.
16.7	60.3	5757.6	500.0	-8.1	-42.3	214.7	26.0	14.8	21.4	323.2	323.9	0.2	4.5	24.0	15.
17.9	63.5	6153.3	475.0	-11.2	-32.0	216.4	27.3	16.2	22.0	323.4	325.4	0.6	17.3	25.8	17.
19.1	66.9	6564.3	450.0	-15.2	-29.5	217.9	29.0	17.8	22.9	324.4	326.7	0.7	28.2	27.8	18.
20.4	70.3	6994.3	425.0	-18.2	-33.8	223.7	27.1	18.7	19.6	325.7	327.5	0.5	23.9	29.7	20.
21.8	73.9	7444.2	400.0	-21.9	-39.5	219.5	30.7	19.5	23.7	326.6	327.7	0.3	18.4	31.9	22.
23.3	77.4	7916.1	375.0	-25.0	-44.1	223.8	29.5	20.4	21.3	328.6	329.3	0.2	14.8	34.4	23.
25.1	81.2	8413.4	350.0	-28.8	-46.5	226.6	30.1	21.9	20.7	329.9	330.5	0.2	16.2	37.5	25.
27.2	85.2	8936.9	325.0	-32.6	-50.6	226.6	31.7	23.0	21.8	331.7	332.1	0.1	14.5	41.1	27.
29.4	89.3	9499.4	300.0	-36.8	-53.9	224.0	31.6	22.8	22.8	333.6	333.9	0.1	14.9	45.1	29.
31.7	93.8	10095.5	275.0	-42.0	99.9	221.8	31.6	21.0	23.5	334.4	999.9	99.9	999.9	49.3	30.
34.0	98.4	10734.9	250.0	-46.6	99.9	224.3	31.0	21.7	22.2	336.8	999.9	99.9	999.9	53.7	31.
36.2	103.4	11425.5	225.0	-51.7	99.9	237.8	26.5	22.4	14.1	339.4	999.9	99.9	999.9	57.3	32.
37.8	109.6	12180.5	200.0	-56.6	99.9	26..4	26.2	25.9	3.9	343.1	999.9	99.9	999.9	59.3	33.
38.8	114.4	13014.8	175.0	-63.3	99.9	999.9	99.9	99.9	99.9	345.6	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	9.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 32
MINTON, OKLAHOMA

10 MAY 1979
505 GMT

PTH 107. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.2	11.4	507.3	946.7	22.1	18.7	170.0	4.1	-0.7	4.0	300.3	338.9	14.6	81.0	0.0	0.
0.3	11.4	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	13.3	672.4	925.0	21.3	19.5	163.7	19.4	-5.5	18.6	301.1	342.6	15.6	89.1	0.6	340.
1.5	15.3	910.3	900.0	14.2	10.1	163.8	23.5	-6.6	22.6	301.3	340.6	14.8	93.8	1.6	342.
2.4	17.5	1153.1	875.0	17.7	16.9	166.4	28.0	-5.6	27.4	302.1	339.6	14.0	95.0	3.0	344.
3.1	19.4	1401.3	850.0	16.2	15.3	174.8	28.7	-2.6	28.6	303.1	338.2	13.0	94.8	4.3	346.
3.9	21.1	1655.3	825.0	14.0	13.9	181.2	27.9	0.6	27.9	303.4	336.7	11.5	93.9	5.7	349.
4.7	23.4	1915.9	800.0	14.8	9.2	197.4	22.7	6.8	21.6	306.9	332.5	9.2	69.5	7.1	352.
5.9	25.8	2182.2	775.0	17.4	1.7	219.2	19.6	12.4	15.2	312.6	329.0	5.6	36.7	8.1	358.
6.9	27.2	2455.4	750.0	16.1	-10.6	219.1	20.0	12.6	15.5	314.1	321.2	2.3	15.1	8.9	2.
7.9	31.6	2735.8	725.0	14.3	-26.5	210.3	22.6	11.4	19.5	315.1	317.1	0.6	4.7	9.9	6.
8.7	33.1	3020.7	700.0	13.2	-38.4	208.0	24.9	11.7	22.0	317.1	317.8	0.2	1.7	11.1	9.
9.5	35.6	3313.7	675.0	10.8	-28.1	206.3	28.6	12.7	25.7	317.7	319.6	0.6	4.1	12.4	11.
10.5	37.2	3613.1	650.0	7.9	-29.5	206.6	29.9	12.5	27.2	317.9	319.6	0.5	4.9	14.0	12.
11.5	41.9	3924.5	625.0	5.5	-30.7	206.5	29.9	12.4	27.2	318.7	320.4	0.5	5.2	15.8	14.
12.7	44.4	4246.2	600.0	2.3	-32.4	207.6	28.5	13.2	25.3	318.8	320.3	0.4	5.5	17.8	15.
13.9	47.1	4577.8	575.0	-0.7	-34.3	209.7	29.3	14.5	25.5	319.2	320.5	0.4	5.8	19.7	16.
15.3	49.9	4919.6	550.0	-3.6	-35.6	212.8	27.4	14.9	23.1	319.9	321.0	0.3	6.1	21.7	18.
16.1	52.7	5272.2	525.0	-6.0	-37.1	215.7	28.0	16.4	22.8	321.2	322.3	0.3	6.4	23.4	19.
17.2	55.5	5635.8	500.0	-8.9	-35.1	216.7	33.5	20.0	26.8	322.2	323.6	0.4	10.2	25.4	20.
18.4	58.5	6011.1	475.0	-11.8	-28.3	217.8	31.4	19.2	24.8	323.4	326.1	0.8	23.9	27.8	22.
19.7	61.5	6562.4	450.0	-14.5	-32.8	215.6	25.4	14.8	20.7	325.0	326.9	0.5	19.2	29.8	23.
21.0	64.8	6793.6	425.0	-17.7	-36.2	212.6	26.6	14.3	22.4	326.2	327.7	0.4	18.8	31.8	24.
22.4	68.0	7183.4	400.0	-21.4	-37.1	210.5	27.0	13.7	23.2	327.2	328.4	0.3	18.3	34.0	24.
24.1	71.4	7586.9	375.0	-24.8	-43.1	214.2	27.3	15.3	22.5	328.7	329.6	0.2	14.2	36.8	25.
26.2	74.9	8005.3	350.0	-28.4	-47.3	217.9	28.9	17.7	22.8	330.5	331.1	0.1	11.1	40.1	26.
28.3	78.4	8443.4	325.0	-31.6	-49.9	217.9	30.7	18.8	24.2	333.1	333.6	0.1	10.4	43.8	27.
30.2	82.2	8904.3	300.0	-36.1	-53.3	218.5	29.1	18.1	22.7	334.6	334.9	0.	10.8	47.1	28.
32.4	86.1	10102.7	275.0	-41.4	99.9	222.1	29.6	19.9	21.9	335.3	999.9	99.9	999.9	50.9	28.
35.1	90.3	10743.1	250.0	-46.2	99.9	230.6	31.5	24.3	20.0	337.4	999.9	99.9	999.9	55.4	30.
37.2	94.7	11431.4	225.0	-49.8	99.9	246.7	35.3	32.4	14.0	342.3	999.9	99.9	999.9	59.2	32.
39.1	99.3	12179.6	200.0	-56.0	99.9	260.6	33.1	32.7	5.4	344.8	999.9	99.9	999.9	62.3	34.
41.4	104.4	13337.5	175.0	-62.1	99.9	263.6	19.0	18.9	2.1	347.5	999.9	99.9	999.9	64.3	37.
43.9	109.8	13771.9	150.0	-70.0	99.9	234.4	13.1	15.6	11.2	349.6	999.9	99.9	999.9	66.4	38.
48.1	115.3	15366.4	125.0	-64.4	99.9	999.9	99.9	99.9	99.9	378.4	999.9	99.9	999.9	72.9	38.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 32
HINTON, OKLAHOMA

18 MAY 1979
900 GMT

126 103. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR REQ GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.0	507.0	944.6	21.9	18.5	150.0	3.1	-1.5	2.7	299.0	338.0	14.4	81.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	13.9	689.3	925.0	20.2	19.2	173.9	15.5	-1.6	15.4	300.0	340.5	15.3	93.8	0.4	351.
1.5	16.4	926.3	900.0	19.1	18.1	184.9	20.2	1.7	20.1	301.2	340.4	14.7	94.3	1.3	357.
2.6	19.9	1168.9	875.0	19.0	17.1	197.8	22.8	7.0	21.7	302.5	340.5	14.2	94.1	2.7	6.
3.4	21.4	1417.7	850.0	17.0	15.9	210.3	22.7	11.5	19.6	304.0	340.6	13.6	93.5	3.8	10.
4.4	24.0	1672.6	825.0	15.8	14.7	218.7	24.8	15.0	18.7	305.3	340.4	12.9	93.3	5.1	17.
5.3	25.6	1934.5	800.0	14.5	13.4	221.0	26.0	17.7	18.1	306.6	340.8	12.2	93.1	6.4	22.
6.3	29.2	2202.5	775.0	12.1	10.9	222.3	22.8	15.4	16.9	306.	336.3	10.7	92.7	7.7	29.
7.4	32.0	2477.7	750.0	10.4	9.3	222.8	22.3	15.1	16.4	307.3	335.4	9.9	92.9	9.0	28.
8.3	34.6	2760.5	725.0	9.2	8.0	223.8	23.5	16.3	17.0	309.5	335.9	9.4	92.3	10.3	30.
9.3	37.3	3051.6	700.0	7.2	6.1	220.7	26.4	17.2	20.0	310.5	334.6	8.5	92.4	11.7	32.
10.3	40.1	3351.6	675.0	6.1	2.2	218.0	27.6	17.3	21.8	312.5	331.8	6.7	75.6	13.4	33.
11.4	43.0	3660.3	650.0	6.6	-12.9	216.2	26.4	15.6	21.3	316.5	323.3	2.2	23.3	15.1	33.
12.6	45.9	3980.8	625.0	4.3	-20.4	212.2	24.1	12.8	20.3	317.4	321.4	1.2	14.7	17.0	33.
14.2	48.9	4311.4	600.0	1.9	-31.7	207.3	26.5	12.1	23.5	318.3	319.9	0.5	6.3	19.2	33.
15.8	51.9	4653.6	575.0	0.3	-49.8	206.3	29.2	12.0	26.6	320.3	320.6	0.1	1.0	22.1	32.
17.4	55.3	5008.1	550.0	-1.6	-41.4	208.5	24.6	11.8	21.6	322.2	322.8	0.2	2.9	24.5	31.
19.6	58.1	5376.4	525.0	-4.7	-35.9	213.1	26.1	14.3	21.9	322.8	324.0	0.3	4.5	26.4	31.
19.7	61.3	5757.9	500.0	-7.9	-33.5	215.4	29.1	16.9	23.7	323.4	325.0	0.5	10.9	28.2	31.
21.9	64.7	6153.6	475.0	-12.2	-35.9	217.5	26.0	15.8	20.6	322.8	324.3	0.4	12.9	30.1	32.
22.3	68.1	6564.8	450.0	-16.9	-42.5	216.8	26.2	15.0	21.6	324.6	325.3	0.2	7.3	32.3	32.
24.0	71.6	6995.5	425.0	-17.5	-48.5	210.7	29.5	15.1	25.4	326.6	327.0	0.1	4.6	35.2	32.
25.9	75.1	7446.7	400.0	-20.3	-62.8	208.7	28.8*	13.0	25.7	328.6	328.7	0.0	1.0	38.5	32.
27.5	78.8	7921.8	375.0	-23.3	-64.8	209.0	27.4*	13.3	24.0	330.8	330.9	0.0	1.0	41.2	31.
29.2	82.7	8423.1	350.0	-26.9	-67.1	211.8	25.8*	13.6	22.0	332.5	332.5	0.0	1.0	44.0	31.
31.1	86.7	8952.9	325.0	-31.2	-70.0	215.6	26.6*	15.5	21.7	333.7	333.7	0.0	1.0	46.8	32.
33.1	91.0	9514.2	300.0	-36.3	-73.3	216.5	25.2*	15.0	20.3	334.3	334.3	0.0	1.0	49.9	32.
35.5	95.4	10111.5	275.0	-41.0	99.9	215.9	25.6*	15.0	20.7	335.8	999.9	99.9	999.9	53.6	32.
37.9	100.2	10750.7	250.0	-47.1	99.9	214.9	26.8*	15.3	22.0	336.0	999.9	99.9	999.9	57.2	32.
40.1	105.2	11437.4	225.0	-53.2	99.9	214.8	25.8*	14.8	21.2	337.0	999.9	99.9	999.9	60.9	32.
42.7	110.5	12187.6	200.0	-59.7	99.9	215.0	25.6*	14.7	21.0	338.1	999.9	99.9	999.9	64.3	33.
45.7	116.3	13012.3	175.0	-62.7	99.9	208.2	27.3*	12.9	24.1	340.4	999.9	99.9	999.9	70.0	33.
49.7	122.8	13958.6	150.0	-63.6	99.9	220.5	24.6**	16.0	18.7	340.5	999.9	99.9	999.9	75.2	32.
53.9	130.0	15063.3	125.0	-64.6	99.9	222.9	30.8**	21.0	22.6	370.8	999.9	99.9	999.9	81.5	34.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 32
MINTON, OKLAHOMA

10 MAY 1979
1105 GMT

113 103. *

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.3	507.0	946.5	10.3	9.7	330.0	5.7	2.9	-4.9	288.0	308.7	8.0	96.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.8	13.3	698.7	925.0	10.9	10.5	153.3	14.9	-6.7	13.3	290.5	313.5	8.8	97.2	0.8	154.
1.4	15.5	931.5	900.0	10.6	10.3	181.3	8.5	0.2	8.5	290.6	313.2	13.1	98.1	0.3	147.
2.1	17.8	1172.7	875.0	10.9	10.6	191.7	13.3	2.7	13.1	301.4	338.1	13.8	98.1	0.3	59.
2.8	20.1	1420.6	850.0	10.1	15.7	194.8	16.3	4.2	15.8	303.0	339.1	13.4	98.0	0.9	28.
3.5	22.5	1675.4	825.0	15.1	14.7	201.7	17.1	6.4	15.9	304.5	339.5	12.9	97.9	1.7	23.
4.4	24.8	1936.5	800.0	13.7	13.3	204.5	18.2	7.6	16.6	335.7	338.9	12.1	97.6	2.6	23.
5.2	27.1	2204.2	775.0	11.9	11.5	212.2	18.0	9.6	15.2	306.6	337.1	11.1	97.4	3.4	20.
6.1	29.6	2479.3	750.0	11.1	10.1	999.9	99.9	99.9	99.9	338.6	337.8	10.5	93.8	999.9	999.
7.0	31.9	2762.4	725.0	9.6	7.8	999.9	99.9	99.9	99.9	313.0	336.3	9.2	88.5	999.9	999.
8.3	34.4	3053.3	700.0	7.3	6.1	999.9	99.9	99.9	99.9	310.6	334.8	8.5	92.3	999.9	999.
9.7	36.9	3352.6	675.0	5.8	4.5	999.9	99.9	99.9	99.9	312.2	334.8	7.9	91.0	999.9	999.
10.9	39.5	3661.3	650.0	4.4	-0.9	999.9	99.9	99.9	99.9	314.0	335.4	5.6	69.1	999.9	999.
12.2	42.1	3983.2	625.0	2.8	-5.4	999.9	99.9	99.9	99.9	315.7	336.0	4.1	56.5	999.9	999.
13.4	44.8	4309.5	600.0	0.0	-5.4	999.9	99.9	99.9	99.9	316.2	329.1	4.3	66.9	999.9	999.
14.5	47.6	4647.3	575.0	-2.6	-5.2	999.9	99.9	99.9	99.9	316.9	330.6	4.5	82.3	999.9	999.
15.5	50.3	5000.7	550.0	-5.1	-9.6	999.9	99.9	99.9	99.9	318.1	328.4	3.4	70.4	999.9	999.
16.7	53.2	5384.9	525.0	-7.6	-15.8	999.9	99.9	99.9	99.9	319.3	326.1	2.1	51.6	999.9	999.
18.1	56.1	5783.9	500.0	-9.0	-21.7	999.9	99.9	99.9	99.9	322.1	326.6	1.3	34.8	999.9	999.
19.6	59.1	6139.2	475.0	-11.6	-22.6	999.9	99.9	99.9	99.9	323.6	328.0	1.3	39.4	999.9	999.
21.3	62.2	6551.5	450.0	-14.8	-22.5	999.9	99.9	99.9	99.9	326.7	329.3	1.4	51.7	999.9	999.
22.8	65.4	6942.4	425.0	-17.3	-43.2	999.9	99.9	99.9	99.9	328.8	328.2	0.4	15.7	999.9	999.
24.5	69.6	7436.0	400.0	-20.5	-63.0	999.9	99.9	99.9	99.9	328.4	328.5	0.0	1.0	999.9	999.
26.1	72.0	7707.1	375.0	-24.8	-65.8	999.9	99.9	99.9	99.9	328.7	328.8	0.0	1.0	999.9	999.
27.9	75.4	8105.1	350.0	-28.9	-68.5	999.9	99.9	99.9	99.9	329.8	329.8	0.0	1.0	999.9	999.
30.3	79.0	8533.1	325.0	-33.3	-56.9	999.9	99.9	99.9	99.9	330.8	331.1	0.1	9.2	999.9	999.
32.9	82.9	9487.8	300.0	-37.3	-42.8	999.9	99.9	99.9	99.9	332.8	333.9	0.3	56.2	999.9	999.
34.7	86.8	10081.9	275.0	-42.4	99.9	999.9	99.9	99.9	99.9	333.8	999.9	99.9	999.9	999.9	999.
37.1	91.0	10717.7	250.0	-47.9	99.9	999.9	99.9	99.9	99.9	334.8	999.9	99.9	999.9	999.9	999.
39.6	95.5	11403.3	225.0	-54.3	99.9	999.9	99.9	99.9	99.9	335.3	999.9	99.9	999.9	999.9	999.
41.8	100.2	12165.3	200.0	-61.4	99.9	999.9	99.9	99.9	99.9	335.5	999.9	99.9	999.9	999.9	999.
44.6	105.3	12965.5	175.0	-65.6	99.9	999.9	99.9	99.9	99.9	341.7	999.9	99.9	999.9	999.9	999.
48.5	110.9	13913.4	150.0	-63.3	99.9	999.9	99.9	99.9	99.9	361.0	999.9	99.9	999.9	999.9	999.
53.3	117.0	15032.1	125.0	-64.4	99.9	999.9	99.9	99.9	99.9	378.4	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 33
KFVV, OKLAHOMA

9 MAY 1979
1105 GMT

105 179. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.0	363.0	961.2	21.0	17.0	180.0	16.0	0.0	16.0	297.5	331.3	12.6	78.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	11.7	464.6	950.0	20.0	16.7	181.5	16.4	0.4	16.4	297.5	331.0	12.8	81.6	0.4	356.
0.9	14.1	694.6	925.0	18.4	16.4	184.6	17.7	1.4	17.6	298.1	332.0	12.9	84.5	0.8	358.
1.7	16.5	929.8	900.0	16.8	15.4	190.0	21.3	3.7	21.0	298.8	331.8	12.4	91.7	1.7	3.
2.6	18.2	1170.1	875.0	15.1	14.0	191.2	23.5	4.6	23.0	299.4	330.4	11.6	93.4	2.9	6.
3.4	21.4	1415.6	850.0	13.3	12.4	195.6	23.9	6.4	23.3	300.1	328.9	10.7	94.1	4.0	8.
4.3	23.9	1664.9	825.0	19.6	-37.9	205.0	27.3	11.5	24.8	309.3	310.0	0.2	1.0	5.3	11.
5.3	26.4	1934.6	800.0	21.9	-36.6	206.0	28.9	11.8	26.2	314.5	315.2	0.2	1.0	7.0	15.
6.2	29.0	2207.7	775.0	19.5	-38.0	206.4	26.1	11.6	23.4	314.8	315.4	0.2	1.0	8.4	17.
7.3	31.7	2487.8	750.0	17.3	-39.4	203.7	24.3	9.8	22.3	315.3	315.9	0.2	1.0	10.1	18.
8.3	34.3	2775.1	725.0	15.0	-40.7	200.2	22.6	7.7	21.0	316.0	316.5	0.1	1.0	11.5	19.
9.4	37.0	3069.6	700.0	12.3	-42.4	201.1	21.4	7.7	19.9	316.1	316.5	0.1	1.0	13.0	19.
10.7	39.8	3372.9	675.0	10.4	-36.0	203.5	18.2	7.3	16.7	317.3	318.2	0.3	2.4	14.6	19.
11.7	42.6	3684.9	650.0	7.8	-27.6	204.9	18.5	7.8	16.8	317.8	319.9	0.6	5.9	15.5	20.
12.8	45.3	4006.0	625.0	4.5	-25.4	206.3	17.5	7.8	15.7	317.6	320.2	0.8	9.1	16.7	20.
13.9	48.3	4336.3	600.0	1.2	-27.5	205.0	19.2	8.1	17.4	317.6	319.8	0.7	9.5	17.8	20.
15.0	51.2	4676.1	575.0	-2.3	-29.9	202.7	20.1	7.8	18.6	317.3	319.2	0.5	9.8	19.2	21.
16.2	54.3	5027.0	550.0	-5.2	-31.9	200.1	18.6	6.4	17.4	317.9	319.6	0.5	10.1	20.6	21.
17.4	57.4	5390.1	525.0	-7.8	-43.5	200.5	14.7	5.2	13.8	319.1	319.9	0.2	5.1	21.9	21.
18.8	60.5	5768.5	500.0	-9.7	-56.1	207.0	11.6	5.2	10.3	321.2	321.3	0.0	1.0	22.9	21.
20.1	63.8	6161.5	475.0	-13.2	-58.3	214.6	10.2	5.8	8.4	321.7	321.8	0.0	1.0	23.7	21.
21.4	67.1	6570.5	450.0	-16.6	-60.5	218.1	11.0	6.8	8.7	322.4	322.5	0.0	1.0	24.5	22.
22.9	70.6	6996.9	425.0	-23.2	-62.8	212.5	13.7	7.3	11.5	323.1	323.2	0.0	1.0	25.5	22.
24.6	74.1	7442.8	400.0	-24.1	-65.3	206.6	11.7	5.2	10.4	323.7	323.8	0.0	1.0	26.8	23.
26.4	77.7	7911.4	375.0	-27.2	-67.3	210.1	12.6	6.3	10.9	325.7	325.7	0.0	1.0	28.1	23.
28.2	81.6	8405.3	350.0	-30.6	-50.1	223.6	17.3	12.0	12.5	327.5	327.6	0.0	3.8	29.6	24.
30.0	85.6	8927.5	325.0	-34.5	-61.1	224.2	17.3	12.0	12.4	329.1	329.2	0.0	4.7	31.6	25.
32.2	89.9	9480.9	300.0	-39.6	-64.1	229.5	16.8	12.8	10.9	329.4	329.7	0.0	5.3	33.5	26.
34.7	94.2	10069.7	275.0	-44.8	99.9	234.0	16.3	13.2	9.6	330.4	999.9	99.9	999.9	35.8	28.
37.2	98.7	10700.1	250.0	-49.8	99.9	225.6	16.0	11.5	11.2	332.1	999.9	99.9	999.9	38.1	29.
39.9	103.6	11381.6	225.0	-55.0	99.9	230.6	16.1	12.4	10.2	334.2	999.9	99.9	999.9	40.5	30.
42.7	109.0	12126.1	200.0	-60.7	99.9	999.9	99.9	99.9	99.9	336.7	999.9	99.9	999.9	43.0	32.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 33
KTVY, OKLAMONA

9 MAY 1979
1405 GMT

106 170. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.9	363.3	963.2	23.5	17.3	180.0	20.0	0.0	20.0	299.9	334.4	13.0	68.0	0.0	0.
99.9	99.9	52.4	1023.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	93.1	979.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	99.9	999.9	999.9	999.
0.2	1.1	597.3	952.0	21.1	15.6	173.7	15.4	-1.2	15.4	298.6	332.1	12.7	75.7	0.4	350.
1.2	12.5	718.9	927.0	17.0	10.5	176.2	14.7	-1.0	14.7	298.7	323.5	13.1	87.0	0.8	352.
1.4	14.4	838.2	900.0	16.6	15.2	175.4	19.1	1.6	19.0	298.5	331.1	12.2	91.7	1.4	355.
2.0	17.2	1139.4	875.0	15.3	13.1	177.2	22.5	0.3	21.6	299.6	331.1	11.8	93.9	2.4	1.
3.1	19.7	1411.3	850.0	14.0	13.1	179.8	21.2	10.9	18.3	302.8	331.0	11.2	94.1	3.4	8.
4.0	22.2	1681.1	825.0	13.2	11.8	178.0	20.7	12.8	16.3	303.4	330.0	11.6	94.5	4.3	15.
4.8	24.7	1951.4	800.0	13.6	9.2	208.5	18.6	8.9	16.4	305.6	331.3	9.3	75.7	5.2	18.
5.7	27.3	2217.1	775.0	15.6	-3.8	233.1	19.1	7.5	17.6	311.6	320.0	2.0	19.1	6.2	19.
6.6	29.9	24 ..	750.0	17.3	-12.7	262.2	17.9	6.-	16.6	315.-	316.5	0.3	2.0	7.2	20.
7.4	32.6	27[illegible]	725.0	16.0	-12.9	231.2	16.4	5.-	15.3	317.1	319.2	0.3	2.1	8.3	20.
8.3	3. .	3[illegible]	700.0	13.5	-[illegible]	206.2	15.6	7.3	14.9	317.4	318.4	0.3	2.1	9.3	21.
9.6	3. .	3[illegible]	[illegible]	10.6	-[illegible]	203.3	15.7	7.9	13.5	317.5	317.9	0.1	1.9	10.2	21.
10.7	4..	3645.3	[illegible]	7.9	-[illegible]	211.6	14.9	7.3	12.7	317.9	318.-	0.1	1.0	11.2	22
11.8	41.6	39[illegible]	6.[illegible]	5.0	-[illegible]	210.7	16.3	8.7	14.0	318.2	318.5	0.1	1.0	12.2	23.
13.1	44.5	4351.[illegible]	600.0	2.1	-[illegible]	206.7	17.6	7.9	15.7	318.5	319.1	0.2	2.4	13.5	23.
14.6	47.6	4649.5	575.0	-1.2	-[illegible]	208.4	19.5	9.9	16.8	318.-	319.1	0.2	2.1	15.0	23.
15.7	52.5	5042.9	550.0	-3.9	-[illegible]	192.4	21.2	7.0	20.0	319.-	319.7	0.1	1.-	16.6	23.
17.0	56.6	5407.	525.0	-6.5	-[illegible]	200.0	17.7	5.0	16.6	320.3	320.8	0.0	1.9	18.1	23.
18.3	57.8	5[illegible]	512.6	-9.0	-[illegible]	198.9	14.8	4.8	14.0	322.1	322.3	0.0	1.0	19.3	22.
19.4	60.7	6191.1	475.0	-12.0	-57.5	164.7	12.3	3.1	11.9	323.1	323.4	0.0	1.0	20.2	22.
20.7	63.3	6491.1	450.0	-13.2	-66.0	195.8	13.4	3.1	12.9	323.3	323.4	0.0	1.0	21.1	22.
22.1	66.7	7314.4	425.0	-19.4	-62.0	202.0	15.1	5.9	14.5	324.6	324.6	0.0	1.0	22.2	22.
23.5	70.3	7667.1	400.0	-21.1	-64.7	204.4	16.4	6.2	15.0	326.9	325.0	0.0	1.0	23.7	22.
25.1	74.5	8031.6	375.0	-26.3	-66.7	210.3	16.6	6.5	14.2	328.8	326.9	0.0	1.9	25.2	22.
26.7	78.7	8422.2	350.0	-27.8	-68.5	220.5	17.6	11.4	13.4	329.6	328.7	0.0	1.1	26.8	23.
28.1	83.7	8856.1	325.0	-31.6	-68.7	226.9	20.9	15.3	14.3	330.4	330.4	0.0	1.5	29.4	25.
31.7	87.6	9513.3	300.0	-37.5	-69.7	223.8	20.4	14.1	14.7	332.5	332.5	0.0	1.9	32.6	27.
34.3	92.7	10105.4	275.0	-43.3	99.9	229.3	18.9	11.8	12.3	332.5	999.9	99.9	999.9	35.0	28.
36.3	96.8	10740.5	250.0	-48.6	99.9	231.-	20.0	15.6	12.5	333.8	999.9	99.9	999.9	37.5	30.
39.2	101.9	11427.1	225.0	-53.3	99.9	233.7	21.2	17.1	12.5	336.9	999.9	99.9	999.9	40.7	32.
41.9	107.3	12173.2	200.0	-59.4	99.9	999.9	99.9	99.9	99.9	338.7	999.9	99.9	999.9	43.9	33.
45.1	112.9	13033.3	175.0	-60.7	99.9	999.9	99.9	99.9	99.9	349.7	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	15 .0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

& EL. SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY KERR MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
&& BY COLED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 33
KEVY, OKLAHOMA

9 MAY 1979
1705 GMT

169 120. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.9	383.0	963.2	25.3	17.5	170.0	13.0	-2.3	12.8	301.7	337.1	13.2	62.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	11.9	483.9	950.0	22.4	16.5	176.0	13.6	-0.9	13.5	299.9	333.4	12.6	69.7	0.5	353.
1.4	14.3	715.4	925.0	19.9	16.2	179.2	13.8	-0.2	13.8	299.6	333.3	12.7	79.5	1.2	356.
2.2	16.4	951.5	900.0	18.0	16.0	180.1	13.9	2.6	13.6	300.1	334.2	12.8	87.7	1.9	359.
3.0	19.0	1193.5	875.0	18.3	14.7	205.1	10.1	6.8	14.6	302.8	335.5	12.1	79.3	2.7	4.
3.7	21.5	1442.4	850.0	16.9	13.4	219.2	15.3	9.6	11.8	303.9	335.1	11.5	83.0	3.3	9.
4.6	23.9	1696.9	825.0	15.1	13.2	227.7	13.1	9.7	8.8	304.6	336.4	11.7	89.1	3.9	16.
5.4	26.4	1958.1	800.0	15.7	8.4	210.0	13.7	6.9	11.9	307.9	333.4	9.2	67.7	4.6	19.
6.2	28.9	2229.3	775.0	17.9	-0.9	201.0	18.9	6.8	17.7	313.1	326.8	4.6	27.8	5.2	19.
7.1	31.4	2508.6	750.0	18.0	-3.1	198.8	20.3	6.5	19.2	313.9	326.1	4.1	26.8	6.3	20.
8.2	34.0	2795.7	725.0	18.1	-6.0	196.8	20.0	5.1	19.3	314.9	325.2	3.4	24.4	7.7	19.
9.3	36.7	3090.8	700.0	12.2	-4.5	196.6	19.3	5.5	18.5	316.0	327.9	3.9	30.9	9.0	18.
10.5	39.4	3394.3	675.0	10.4	-17.6	199.5	18.1	6.1	17.1	317.3	321.9	1.4	12.2	10.4	18.
11.7	42.2	3706.6	650.0	7.8	-20.2	201.2	17.6	6.4	16.4	317.8	321.6	1.2	11.5	11.6	19.
12.8	45.0	4027.7	625.0	4.8	-22.3	201.5	18.2	6.7	16.9	317.9	321.3	1.0	11.8	12.8	19.
13.9	47.7	4358.5	600.0	1.7	-22.3	201.7	18.6	6.1	15.4	318.1	321.7	1.1	14.7	13.8	19.
14.9	50.7	4699.3	575.0	-1.5	-26.1	202.1	16.4	6.2	15.2	318.2	320.9	0.8	13.3	14.9	19.
16.0	53.6	5051.3	550.0	-3.5	-34.1	201.8	17.3	6.4	16.1	319.9	321.3	0.4	7.2	16.0	19.
17.0	56.6	5416.8	525.0	-6.5	-35.9	199.7	18.5	6.2	17.4	320.6	321.8	0.3	7.5	17.1	20.
18.1	59.8	5796.2	500.0	-9.0	-37.5	196.9	17.0	5.8	16.3	322.1	323.1	0.3	7.7	18.5	19.
19.6	62.9	6190.9	475.0	-12.0	-36.6	198.4	15.3	4.8	14.5	323.1	324.4	0.3	10.8	19.8	19.
21.2	66.3	6601.9	450.0	-15.1	-40.8	201.1	15.8	5.7	14.8	324.2	325.1	0.2	9.1	21.1	19.
22.5	69.6	7331.2	425.0	-18.4	-41.2	210.2	17.3	8.7	14.9	325.2	326.0	0.2	11.5	22.6	20.
24.2	73.1	7479.2	400.0	-23.0	-44.4	220.0	17.0	10.9	13.0	325.1	325.8	0.2	11.9	24.1	21.
25.7	76.7	7949.3	375.0	-25.9	-46.3	220.1	17.1	11.0	13.1	327.5	328.0	0.2	12.2	25.6	22.
27.3	80.4	8445.5	350.0	-29.2	-48.4	221.5	16.7	12.4	14.0	329.3	329.8	0.1	13.6	27.2	23.
28.1	84.3	8970.9	325.0	-32.9	-51.8	225.1	22.3	15.8	15.7	331.4	331.8	0.1	12.9	29.3	25.
31.0	88.5	9529.0	300.0	-37.3	-55.2	227.7	22.8	16.8	15.3	332.8	333.1	0.1	13.4	31.7	26.
33.3	92.8	10123.1	275.0	-43.0	99.9	229.9	23.0	17.6	14.8	333.0	999.9	99.9	999.9	34.3	28.
35.2	97.4	10757.2	250.0	-49.0	99.9	227.7	23.8	17.6	16.0	333.3	999.9	99.9	999.9	37.1	30.
37.5	102.2	11442.2	225.0	-53.2	99.9	228.4	25.5	19.1	16.9	336.9	999.9	99.9	999.9	40.5	31.
40.4	107.4	12191.2	200.0	-59.2	99.9	228.7	25.4	19.0	16.7	339.1	999.9	99.9	999.9	44.6	33.
43.3	113.0	13029.1	175.0	-62.2	99.9	236.0	27.4	22.8	15.3	347.3	999.9	99.9	999.9	49.3	35.
46.9	119.3	13984.9	150.0	-58.7	99.9	222.0	26.2	17.6	19.5	368.9	999.9	99.9	999.9	54.6	36.
51.0	126.5	15123.0	125.0	-61.1	99.9	999.9	99.9	99.9	99.9	384.3	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 33
KTVY, OKLAHOMA

9 MAY 1979
2005 GMT

183 174. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.5	363.0	961.2	27.5	17.1	160.0	17.0	-5.8	16.0	304.1	339.0	12.9	53.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	11.4	466.3	950.0	25.9	17.4	175.5	10.0	-0.3	10.0	303.5	339.5	13.3	57.4	0.5	358.
1.6	13.7	731.2	925.0	23.4	16.3	172.2	11.4	-1.6	11.3	303.2	337.5	12.7	64.4	1.2	356.
2.5	16.1	949.1	900.0	21.3	16.6	165.8	11.9	-2.9	11.6	303.5	339.5	13.3	74.2	1.8	353.
3.5	18.4	1166.9	875.0	18.8	16.5	166.2	10.5	-2.5	10.2	303.3	340.8	13.6	86.3	2.5	351.
4.3	20.9	1392.9	850.0	17.1	15.3	179.3	9.7	-0.1	9.7	304.0	339.3	13.0	89.5	3.0	351.
5.2	23.3	1627.6	825.0	15.1	13.9	171.6	9.6	1.9	9.4	304.6	337.7	12.2	92.1	3.5	353.
6.4	25.7	1883.3	800.0	13.5	12.2	195.7	8.8	2.4	8.4	305.5	336.4	11.3	92.0	3.8	355.
7.0	28.2	2151.6	775.0	11.7	8.5	188.4	10.8	1.6	10.6	306.4	332.3	9.3	82.9	4.3	357.
7.7	31.7	2492.6	750.0	17.3	-12.1	190.9	13.9	2.6	13.7	315.3	322.9	2.5	15.8	5.0	358.
8.3	33.3	2793.4	725.0	15.8	-18.4	198.4	15.7	5.0	14.9	316.8	320.8	1.2	8.8	5.9	1.
9.8	36.2	3076.3	700.0	13.4	-11.6	203.2	16.6	5.7	15.6	317.3	324.4	2.2	18.3	6.9	4.
10.9	38.7	3380.6	675.0	10.7	-15.1	202.0	16.6	6.2	15.4	317.6	323.2	1.7	14.6	7.9	6.
12.1	41.4	3693.3	650.0	7.8	-17.8	200.8	17.8	6.3	16.6	317.8	322.5	1.4	14.2	9.1	8.
13.1	44.2	4018.7	625.0	4.7	-18.6	202.1	18.2	6.8	16.9	317.9	322.4	1.4	16.4	10.3	10.
14.6	47.0	4345.3	600.0	1.7	-24.5	203.6	18.9	7.6	17.3	318.1	321.0	0.9	12.1	11.6	11.
15.7	49.9	4680.6	575.0	-1.7	-26.9	203.9	17.7	7.2	16.1	318.0	320.5	0.7	12.4	13.0	13.
17.3	52.9	5031.9	550.0	-4.6	-34.9	203.5	19.2	7.7	17.6	318.6	319.9	0.4	7.3	14.4	14.
18.3	55.9	5432.1	525.0	-7.3	-36.4	207.5	18.7	8.7	16.6	319.6	320.7	0.3	7.6	15.9	15.
19.5	58.4	5780.8	500.0	-9.2	-42.0	207.1	18.3	7.4	16.5	321.8	322.5	0.2	6.9	17.1	16.
21.4	62.1	6175.4	475.0	-12.2	-43.6	205.3	15.8	6.7	14.1	322.9	323.5	0.2	5.2	18.3	17.
22.4	65.4	6586.4	450.0	-15.2	-45.3	203.2	15.7	6.2	14.5	324.1	324.7	0.1	5.6	19.7	17.
23.9	69.7	7315.1	425.0	-18.8	-47.4	212.4	17.2	9.2	14.5	324.9	325.6	0.1	5.9	21.2	18.
25.5	72.3	7683.5	400.0	-22.4	-49.5	222.0	17.5	11.7	13.8	325.9	326.3	0.1	6.3	22.8	19.
27.1	75.9	7436.5	375.0	-25.8	-51.6	222.6	15.8	13.4	14.5	327.5	327.8	0.1	6.7	24.4	21.
28.7	79.6	8831.2	350.0	-29.4	-54.3	226.3	20.6	14.8	14.2	329.2	329.4	0.1	7.1	26.4	23.
30.9	83.5	9255.9	325.0	-33.5	-56.7	232.5	20.6	16.2	12.6	330.5	330.7	0.1	7.6	28.4	25.
32.9	87.5	9712.6	300.0	-38.2	-57.6	230.1	20.6	15.7	13.1	331.5	331.7	0.1	10.9	30.8	27.
35.3	91.8	10206.2	275.0	-43.8	99.9	227.6	20.6	15.0	13.8	331.7	999.9	99.9	999.9	33.5	29.
37.5	96.2	10737.6	250.0	-48.6	99.9	230.2	21.3	16.4	13.7	333.8	999.9	99.9	999.9	36.3	30.
40.2	101.0	11321.9	225.0	-54.1	99.9	233.7	21.9	17.7	13.0	335.6	999.9	99.9	999.9	39.4	32.
42.4	106.0	12165.3	200.0	-59.3	99.9	237.6	23.8	20.1	12.8	338.9	999.9	99.9	999.9	42.7	34.
44.1	111.8	12997.3	175.0	-60.6	99.9	999.9	99.9	99.9	99.9	349.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 33
RTVY. OKLAHOMA

9 MAY 1979
2305 GMT

120 122. 0

TIME MIN	CHECK	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.4	363.0	960.7	24.6	14.7	180.0	11.0	0.0	11.0	301.2	330.9	11.6	54.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	11.1	461.5	953.0	. .8	18.3	157.3	13.6	-5.2	12.5	302.4	340.2	14.1	67.2	0.6	347.
1.1	13.6	685.6	925.0	2..0	17.5	161.4	15.1	-4.8	1 .3	302.8	339.9	13.8	71.3	1.0	344.
1.8	16.1	934.3	900.0	20.9	17.2	165.7	17.8	-4.4	17.3	303.1	340.4	13.9	79.1	1.8	344.
2.5	18.5	1178.1	875.0	19 6	16.8	172.6	17.2	-2.2	17.0	303.1	340.5	13.9	89.5	2.5	345.
3.5	21.0	1426.9	850.0	17.4	15.4	179.0	16.2	-0.3	16.2	304.4	340.0	13.1	88.2	3.5	349.
4.3	23.5	1681.9	825.0	15.1	13.6	176.6	15.9	-0.9	15.8	304.5	337.2	12.0	90.9	4.3	351.
5.2	26.1	1942.4	800.0	13.1	12.2	176.0	15.8	-1.1	15.8	305.1	336.1	11.3	94.3	5.1	351.
6.0	28.7	2209.3	775.0	11.0	10.0	176.9	17.3	-0.9	17.3	305.6	333.3	10.0	93.8	5.9	352.
7.3	31.2	2485.6	750.0	10.6	-34.2	185.8	16.4	1.7	16.3	314.6	315.6	0.3	1.8	6.9	353.
7.3	33.9	2773.6	725.0	10.	-40.0	198.6	17.5	5.6	16.6	317.3	317.9	0.2	1.0	7.7	355.
8.4	36.6	3370.3	700.3	14.5	-41.1	203.4	18.8	7.5	17.3	318.5	319.1	0.1	1.0	8.7	358.
9.3	39.3	3375.3	675.0	11.9	-42.6	203.8	19.9	8.0	18.2	319.0	319.5	0.1	1.0	9.8	2.
11.3	42.2	3698.9	650.0	8.7	-34.4	204.1	20.1	8.2	18.4	318.1	320.0	0.3	2.9	11.0	4.
12.0	45.0	4011.1	625.0	6.1	-35.2	208.0	19.1	9.0	16.8	319.4	320.5	0.3	3.2	12.2	6.
13.2	48.0	4343.3	600.0	2.6	-36.4	213.3	20.1	11.0	16.8	319.4	320.4	0.3	3.6	13.5	9.
14.4	50.9	4685.3	575.0	-0.3	-37.7	218.3	19.7	12.2	15.4	319.7	320.6	0.3	3.9	14.7	11.
15.4	54.0	5034.2	550.0	-3.7	-39.3	215.8	20.9	12.2	16.9	319.7	320.5	0.2	4.3	16.0	14.
16.9	57.1	5403.7	525.0	-6.3	-50.1	209.8	21.7	10.8	18.8	320.9	321.2	0.1	1.8	17.5	15.
18.1	60.3	5786.3	500.0	-7.9	-50.2	206.2	20.6	9.1	18.5	323.4	323.7	0.1	1.8	19.2	16.
19.6	63.6	6190.9	475.0	-10.7	-50.7	205.6	19.0	8.2	17.1	324.7	325.0	0.1	2.1	20.8	17.
21.9	66.9	6534.4	450.0	-13.5	-58.5	211.1	21.6	11.2	18.5	326.3	326.4	0.0	1.0	22.4	18.
22.3	70.4	7026.0	425.0	-16.9	-57.1	221.1	22.4	14.7	16.9	327.3	327.4	0.0	1.8	24.2	19.
23.7	74.0	7478.0	400.0	-19.9	-53.7	227.8	23.9	17.7	16.1	329.1	329.3	0.1	3.1	25.9	21.
25.3	77.7	7953.1	375.0	-23.5	-50.4	233.9	22.2	17.9	13.0	330.0	330.4	0.1	4.5	27.8	23.
26.9	81.5	8453.0	350.0	-27.6	-52.9	231.3	21.5	16.8	13.4	331.5	331.8	0.1	6.9	29.5	25.
28.3	85.4	8981.9	325.0	-31.6	-55.4	233.4	22.8	18.3	13.6	333.1	333.4	0.1	7.4	31.3	27.
29.8	89.6	9542.7	300.0	-35.2	-58.5	237.0	23.4	19.6	12.7	334.3	334.5	0.0	7.9	33.2	29.
31.5	94.0	10143.4	275.0	-43.9	99.9	236.3	24.8	20.8	13.8	336.0	999.9	99.9	999.9	35.3	30.
33.3	98.6	10780.9	250.0	-46.7	99.9	240.9	25.1	21.9	12.2	336.6	999.9	99.9	999.9	37.6	32.
35.5	103.6	11471.0	225.0	-51.9	99.9	245.3	23.3	21.1	9.7	339.0	999.9	99.9	999.9	40.6	35.
36.1	109.0	12224.9	200.0	-56.2	99.9	249.6	24.9	23.3	8.7	342.7	999.9	99.9	999.9	43.6	37.
40.8	115.9	13060.1	175.0	-62.4	99.9	248.6	27.8	25.9	10.1	347.0	999.9	99.9	999.9	47.2	40.
43.9	121.3	14017.9	150.0	-59.5	99.9	233.1	29.0	23.2	17.4	347.5	999.9	99.9	999.9	52.1	42.
47.6	128.3	15135.7	125.0	-60.2	99.9	999.9	99.9	99.9	99.9	384.8	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE ON TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 33
KTVY, OKLAHOMA

18 MAY 1979
205 GMT

105 170. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.0	383.0	960.3	22.5	19.1	170.0	14.0	-2.4	13.8	299.1	337.8	14.7	81.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	11.8	457.6	950.0	23.6	18.8	166.5	14.5	-3.4	14.1	301.2	339.9	14.5	74.4	0.3	343.
1.1	14.1	690.8	925.0	22.1	18.2	163.5	17.3	-4.9	16.6	301.9	340.3	14.4	78.6	0.9	342.
2.0	16.6	923.2	900.0	20.2	18.1	162.4	22.1	-6.7	21.0	302.3	341.8	14.8	88.2	2.5	342.
3.5	19.1	1172.1	875.0	17.8	16.5	160.5	23.8	-6.7	23.3	302.3	339.0	13.7	92.5	4.1	343.
4.7	21.6	1420.9	850.0	17.2	14.1	178.2	22.7	-0.7	22.7	304.1	336.8	12.0	82.1	5.7	346.
5.7	24.1	1675.5	825.0	15.0	13.1	179.0	22.8	-0.4	22.8	304.5	336.2	11.6	88.5	7.0	349.
6.8	26.6	1936.3	800.0	12.7	11.6	183.2	20.2	1.1	20.2	304.7	334.5	10.9	93.0	8.4	350.
8.4	29.2	2203.9	775.0	17.9	-27.2	190.2	18.9	3.3	18.6	313.1	314.9	0.5	3.3	10.2	354.
10.9	31.9	2483.4	750.0	17.4	-38.5	196.2	18.80	5.2	18.0	315.5	316.2	0.2	1.1	12.8	357.
13.7	34.6	2771.0	725.0	15.4	-40.5	197.5	18.99	5.7	18.1	316.3	316.9	0.1	1.0	16.0	2.
15.9	37.2	3066.2	700.0	13.0	-41.9	196.5	19.10	6.8	18.5	316.9	317.4	0.1	1.0	18.2	4.
16.5	40.0	3369.8	675.0	10.6	-33.8	197.3	21.10	6.3	20.1	317.5	318.6	0.3	2.7	21.6	5.
21.2	42.9	3682.7	650.0	7.9	-34.6	205.9	18.60	8.1	16.8	318.0	319.0	0.3	3.0	24.3	7.
23.9	45.7	4003.6	625.0	5.3	-46.7	205.2	22.90	9.8	20.7	318.5	318.8	0.1	1.0	27.8	9.
26.9	48.7	4334.4	600.0	1.7	-48.9	210.0	17.90	9.9	15.5	318.1	318.4	0.1	1.0	31.3	12.
29.6	51.6	4674.9	575.0	-1.6	-50.5	208.7	19.10	9.2	16.7	318.2	318.4	0.1	1.1	33.7	13.
32.1	54.8	5026.6	550.0	-4.5	-50.1	212.0	19.30	10.2	16.4	318.7	319.0	0.1	1.4	36.9	14.
35.4	57.9	5390.5	525.0	-6.6	-54.1	216.3	20.70	12.3	16.7	320.5	320.7	0.0	1.1	39.4	16.
38.2	61.0	5770.2	500.0	-8.6	-55.4	208.4	36.99	17.5	32.5	322.5	322.7	0.0	1.0	46.7	18.
42.5	64.4	6165.8	475.0	-11.1	-56.9	220.8	23.600	15.4	17.9	324.2	324.4	0.0	1.0	52.6	20.
45.7	67.6	6578.5	450.0	-14.5	-59.1	240.2	13.300	11.5	6.6	325.0	325.1	0.0	1.0	55.8	21.
49.7	71.1	7008.4	425.0	-18.1	-61.4	278.1	7.99	7.9	-1.1	325.8	325.9	0.0	1.0	56.9	23.
53.9	74.7	7457.7	400.0	-21.8	-59.7	233.3	14.99	12.8	8.5	326.7	327.0	0.1	5.4	58.2	24.
54.8	78.4	7929.9	375.0	-24.5	-52.9	220.7	34.30	22.4	26.8	329.2	329.5	0.1	5.3	65.8	26.
62.0	82.3	8428.7	350.0	-28.5	-53.4	219.0	50.100	32.8	38.6	330.4	330.7	0.1	7.8	74.2	27.
66.8	86.2	8955.2	325.0	-32.6	-56.1	174.1	71.900	-7.4	71.5	331.7	331.9	0.1	7.5	98.3	29.
78.9	90.5	9514.5	300.0	-36.9	-59.8	256.7	52.700	51.3	12.1	333.3	333.5	0.0	8.8	109.8	30.
75.5	94.8	10110.6	275.0	-41.6	99.9	309.4	41.100	31.8	-26.1	335.0	999.9	99.9	999.9	117.2	31.
83.5	99.5	10749.6	250.0	-46.8	99.9	317.0	16.600	11.3	-12.1	336.5	999.9	99.9	999.9	112.2	32.
86.4	104.5	11440.1	225.0	-51.6	99.9	281.1	20.700	20.4	4.1	339.4	999.9	99.9	999.9	111.4	33.
91.1	109.8	12197.1	200.0	-56.4	99.9	256.6	58.300	48.9	11.7	343.4	99.9	99.9	999.9	124.8	36.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 33
KTVY, OKLAHOMA

10 MAY 1979
505 GMT

109 101. 0

TIME MIN	CHECT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	PUT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.0	363.0	960.7	22.5	19.1	140.0	12.0	-7.7	9.2	299.1	337.7	14.7	81.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	11.0	461.1	950.0	23.0	18.4	159.1	17.2	-6.2	16.1	300.0	338.3	14.2	75.1	0.3	342.
0.9	14.0	693.9	925.0	21.9	18.4	160.1	18.2	-6.2	17.1	301.7	340.6	14.6	80.5	0.7	340.
1.5	16.4	931.8	900.0	19.4	17.8	164.2	21.9	-6.0	21.1	301.5	339.9	14.4	90.5	1.5	341.
2.2	18.0	1174.5	875.0	17.9	16.7	171.5	25.5	-3.8	25.2	302.4	339.6	13.9	92.9	2.5	344.
3.1	21.3	1422.9	850.0	16.5	14.3	178.9	25.8	-0.5	25.8	303.4	336.6	12.3	87.5	3.9	348.
3.9	23.0	1677.5	825.0	15.3	12.5	181.0	26.0	0.5	26.0	304.8	335.4	11.2	83.4	5.1	351.
4.8	26.3	1938.3	800.0	13.2	11.9	182.0	24.3	0.9	24.0	305.2	335.5	11.1	91.9	6.5	353.
5.6	28.0	2205.3	775.0	14.1	-24.3	191.7	20.1	4.1	19.6	309.0	315.4	2.3	20.5	7.6	355.
6.8	31.4	2484.1	750.0	18.1	-38.9	200.8	19.9	7.1	18.6	316.2	316.8	0.2	1.0	8.7	350.
7.8	34.1	2772.4	725.0	15.9	-40.2	201.9	21.7	8.1	20.1	316.9	317.5	0.2	1.0	10.0	1.
9.3	36.8	3068.4	700.0	13.5	-41.6	205.0	21.8	9.2	19.7	317.5	318.0	0.1	1.0	11.4	4.
10.1	39.4	3372.4	675.0	10.8	-43.1	209.1	21.0	10.2	18.6	317.8	318.2	0.1	1.0	12.8	7.
11.1	42.3	3684.6	650.0	7.7	-45.2	210.7	21.5	10.9	18.5	317.7	318.1	0.1	1.0	14.1	9.
12.4	45.1	4005.6	625.0	4.8	-47.0	214.5	21.7	12.3	17.9	317.9	318.3	0.1	1.0	15.5	11.
13.6	48.0	4336.4	600.0	2.0	-48.7	215.7	22.2	12.9	18.0	318.5	318.8	0.1	1.0	16.9	13.
14.1	51.0	4677.5	575.0	-1.2	-50.7	211.9	25.8	13.6	21.9	318.6	318.8	0.1	1.0	18.5	15.
16.1	54.9	5030.0	550.0	-3.8	-52.4	211.9	24.7	13.0	21.0	319.5	319.7	0.1	1.0	20.5	17.
17.3	57.8	5395.7	525.0	-6.0	-53.7	210.1	23.1	14.3	18.2	321.3	321.4	0.0	1.0	22.1	18.
19.7	60.3	5776.5	500.0	-8.0	-43.3	220.7	21.6	14.1	16.4	323.3	324.2	0.2	5.5	23.8	20.
22.3	63.5	6172.1	475.0	-11.6	-33.3	219.8	20.5	13.1	15.7	323.6	325.3	0.5	14.8	25.4	21.
21.4	66.9	6583.4	450.0	-15.3	-35.2	220.0	19.9	12.8	15.3	324.0	325.5	0.4	14.2	27.0	22.
23.0	70.3	7012.8	425.0	-19.1	-40.9	212.5	22.0	11.8	18.6	325.8	326.7	0.2	11.4	29.0	23.
25.1	73.7	7462.8	400.0	-21.1	-51.7	212.4	22.5	12.1	19.0	327.6	327.9	0.1	4.9	31.7	24.
27.5	77.6	7936.0	375.0	-24.9	-51.1	214.0	24.0	13.4	19.9	328.7	329.0	0.1	6.6	35.0	25.
29.6	81.2	8434.4	350.0	-24.3	-57.7	218.2	28.6	17.7	22.5	330.6	330.8	0.0	4.0	38.1	26.
31.4	85.2	8961.9	325.0	-32.0	-59.7	223.6	24.8	17.1	17.9	332.6	332.7	0.0	4.5	41.8	27.
34.3	89.3	9523.0	300.0	-36.0	-62.0	221.3	24.6	17.5	20.0	334.6	334.8	0.0	4.3	45.3	28.
37.0	93.7	10120.7	275.0	-41.1	99.9	227.1	23.6	17.3	16.1	335.7	999.9	99.9	999.9	49.6	29.
43.1	98.4	10760.9	250.0	-46.5	91.9	231.8	25.1	19.7	15.5	337.0	999.9	99.9	999.9	53.5	31.
43.1	103.2	11452.5	225.0	-51.2	99.9	242.4	24.3	21.5	11.3	340.	999.9	99.9	999.9	57.9	33.
46.3	108.6	12209.0	200.0	-56.1	99.9	262.0	20.9	20.7	2.9	343.4	999.9	99.9	999.9	60.5	35.
48.9	114.5	13044.0	175.0	-63.5	99.9	999.9	99.9	99.9	99.9	345.1	999.9	99.9	999.9	52.4	39.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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STATION NO. 33
KTVY, OKLAHOMA

10 MAY 1979
805 GMT

106 173. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.7	363.0	961.0	22.2	20.3	180.0	16.0	0.0	16.0	298.7	340.3	15.8	89.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	11.6	463.9	950.0	22.9	20.3	184.8	16.9	1.4	16.9	300.5	342.9	16.0	85.0	0.5	3.
1.1	14.0	696.6	925.0	21.2	19.5	185.6	18.0	1.8	17.9	301.0	342.5	15.6	89.5	1.1	4.
1.8	16.4	934.2	900.0	19.4	18.2	190.5	20.1	3.7	19.8	301.5	341.0	14.8	92.9	1.9	5.
2.6	18.8	1176.8	875.0	17.8	16.4	197.5	23.4	7.0	22.3	302.3	338.7	13.6	91.4	3.0	8.
3.4	21.3	1425.4	850.0	17.0	13.9	202.1	24.1	9.1	22.4	306.0	336.2	11.9	81.8	4.1	12.
4.4	23.9	1679.9	825.0	14.9	12.4	203.1	22.9	9.0	21.1	304.3	334.6	11.1	85.3	5.4	15.
5.2	26.4	1940.3	800.0	12.7	11.5	202.4	24.0	9.1	22.2	304.7	334.2	10.8	92.7	6.6	16.
6.2	28.9	2206.7	775.0	10.8	9.8	203.6	23.1	9.3	21.2	305.5	332.7	9.9	93.2	7.9	17.
7.5	31.4	2480.5	750.0	9.7	8.7	208.1	20.4	9.6	18.0	307.1	333.5	9.5	93.4	9.7	19.
8.6	34.1	2759.8	725.0	8.9	-44.4	213.3	19.2	10.5	16.0	309.3	309.6	0.1	1.0	11.0	20.
9.6	36.8	3050.9	700.0	9.7	-44.0	221.8	16.4	10.9	12.2	313.2	313.6	0.1	1.0	12.0	22.
10.7	39.6	3351.5	675.0	8.1	-22.5	230.4	14.0	10.8	8.9	314.7	317.7	0.9	9.3	12.9	23.
11.7	42.3	3661.2	650.0	5.7	-25.7	230.7	14.7	11.4	9.3	315.4	317.8	0.7	8.3	13.7	25.
12.9	45.1	3980.2	625.0	3.4	-36.2	222.1	18.2	12.2	13.5	316.3	317.3	0.3	3.5	14.7	27.
14.3	48.0	4309.9	600.0	0.2	-49.8	215.0	20.3	11.6	16.6	316.4	316.6	0.1	1.0	16.0	28.
15.4	51.0	4648.3	575.0	-2.0	-51.2	211.3	22.0	11.4	18.8	317.7	317.9	0.1	1.0	17.7	29.
16.8	54.0	4999.5	550.0	-4.9	-50.1	207.6	24.7	11.4	21.9	318.3	318.5	0.1	1.4	19.6	29.
18.2	57.1	5363.0	525.0	-8.0	-54.9	206.3	22.2	9.8	19.9	318.9	319.0	0.0	1.0	21.8	29.
19.7	60.3	5740.6	500.0	-9.7	-56.1	206.2	20.0	8.8	17.9	321.2	321.4	0.0	1.0	23.5	28.
21.3	63.5	6135.0	475.0	-11.6	-43.8	202.7	19.2	7.4	17.7	323.6	324.3	0.2	6.5	25.4	28.
23.1	66.9	6546.1	450.0	-14.7	-50.0	200.7	19.4	6.8	18.1	324.7	325.1	0.1	3.8	27.4	27.
25.0	70.3	6976.7	425.0	-17.3	-60.9	202.0	20.3	7.6	18.8	326.9	327.0	0.0	1.0	29.7	27.
27.0	73.9	7428.3	400.0	-20.3	-62.8	209.8	24.5	12.2	21.2	328.6	328.7	0.0	1.0	32.4	27.
29.8	77.5	7903.7	375.0	-23.5	-64.9	219.1	25.4	16.0	19.7	330.5	330.5	0.0	1.0	35.2	27.
33.8	81.3	8403.9	350.0	-28.0	-67.8	225.7	24.4	17.4	17.0	331.1	331.1	0.0	1.0	37.8	28.
32.9	85.3	8931.4	325.0	-31.9	-70.4	228.5	25.6	19.2	17.0	332.7	332.7	0.0	1.0	41.0	30.
35.3	89.5	9491.0	300.0	-37.0	-73.5	226.7	24.3	17.7	16.6	333.2	333.3	0.0	1.0	44.2	31.
37.7	93.8	10087.4	275.0	-41.3	99.9	226.2	24.9	18.0	17.3	335.4	999.9	99.9	999.9	47.8	32.
40.1	98.4	10727.5	250.0	-46.6	99.9	234.7	22.6	18.4	13.0	336.7	999.9	99.9	999.9	51.1	33.
42.3	103.4	11420.7	225.0	-51.4	99.9	245.9	22.0	20.1	9.0	339.8	999.9	99.9	999.9	53.5	35.
44.3	108.9	12178.4	200.0	-58.1	99.9	999.9	99.9	99.9	99.9	340.8	999.9	99.9	999.9	55.9	36.
47.1	114.5	13001.0	175.0	-64.8	99.9	999.9	99.9	99.9	99.9	343.1	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 33
KTVY, OKLAHOMA

10 MAY 1979
1131 GMT

126 99. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.6	363.0	962.8	22.5	19.5	160.0	9.8	-3.1	8.5	298.9	338.3	15.0	83.0	0.0	0.
99.9	99.9	99.9	1009.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	11.6	679.9	950.0	21.6	19.6	182.0	18.2	0.6	18.2	299.2	339.6	15.4	88.4	0.3	356.
1.0	13.9	711.3	925.0	19.8	15.7	191.3	19.6	3.8	19.3	299.6	332.1	12.2	77.8	0.9	3.
1.8	16.3	948.1	900.0	19.5	16.6	201.5	20.5	7.5	19.1	301.8	337.2	13.3	83.6	1.8	10.
2.7	19.6	1191.2	875.0	18.7	15.2	208.8	19.9	9.6	17.4	303.3	337.1	12.5	79.8	2.9	16.
3.5	21.1	1440.3	850.0	17.3	13.9	212.7	18.3	9.9	15.4	304.7	336.6	11.9	80.3	3.8	20.
4.3	23.5	1695.3	825.0	15.5	13.9	218.2	17.4	10.7	13.6	305.0	338.4	12.3	90.6	4.6	22.
5.1	26.0	1956.3	800.0	13.8	12.6	223.0	16.2	11.1	11.9	305.7	337.7	11.6	92.7	5.4	25.
6.1	29.5	2224.1	775.0	12.0	11.1	225.5	15.6	11.2	11.0	306.8	336.9	10.9	94.9	6.3	28.
6.9	31.1	2499.0	750.0	10.5	9.8	223.9	15.8	10.9	11.4	308.0	336.4	10.2	95.5	7.1	30.
7.9	33.7	2781.6	725.0	9.0	8.4	224.8	15.3	10.8	10.9	309.3	336.4	9.6	96.0	8.0	32.
8.9	36.3	3072.4	700.0	7.4	6.8	227.6	15.4	11.4	10.4	310.7	336.0	9.0	96.5	8.9	33.
10.4	39.1	3371.3	675.0	4.5	3.7	227.9	16.2	12.0	10.9	310.7	332.1	7.5	94.8	10.1	35.
11.4	41.7	3677.8	650.0	4.7	-19.2	221.4	20.6	13.6	15.5	314.3	318.5	1.3	16.0	11.1	36.
12.2	44.7	3990.7	625.0	3.4	-47.8	216.2	21.3	12.6	17.2	316.4	316.7	0.1	1.0	12.2	36.
13.3	47.4	4325.9	600.0	0.6	-49.6	214.3	17.8	10.0	14.7	316.8	317.0	0.1	1.0	13.5	36.
14.6	50.4	4665.3	575.0	-2.3	-50.4	213.3	16.0	9.9	15.1	317.3	317.5	0.1	1.1	14.9	36.
16.1	53.4	5016.8	550.0	-3.4	-52.1	211.0	21.4	11.0	18.3	320.0	320.2	0.1	1.0	16.6	35.
17.5	56.5	5383.1	525.0	-5.7	-53.6	215.7	22.5	13.1	18.3	321.5	321.7	0.0	1.0	18.6	35.
19.1	59.6	5763.2	500.0	-8.8	-46.9	220.5	22.5	14.6	17.1	322.4	322.9	0.1	3.4	20.7	36.
23.6	62.8	6158.2	475.0	-11.2	-36.6	218.4	21.6	13.4	16.9	324.2	325.7	0.4	12.8	22.7	36.
22.2	66.1	6570.5	450.0	-14.6	-59.2	213.6	20.9	11.6	17.5	324.9	325.0	0.0	1.0	24.6	36.
23.6	69.4	7000.4	425.0	-18.2	-61.5	214.6	22.8	12.9	18.8	325.6	325.7	0.0	1.0	26.4	36.
25.1	73.0	7449.6	400.0	-21.9	-63.9	218.8	26.2	16.4	20.4	326.5	326.6	0.0	1.0	28.9	36.
27.2	76.7	7921.6	375.0	-25.5	-66.2	219.7	26.7	17.1	20.5	327.9	328.0	0.0	1.0	31.9	36.
28.9	80.5	8419.2	350.0	-29.7	-53.5	221.1	28.2	18.5	21.3	330.1	330.4	0.1	7.0	34.8	37.
31.6	84.4	8945.5	325.0	-32.9	-61.5	222.7	25.4	17.3	18.7	331.4	332.5	0.3	43.4	37.5	37.
32.4	88.5	9503.8	300.0	-37.2	-61.0	226.1	24.6	17.7	17.1	332.9	334.2	0.3	67.1	40.2	37.
34.3	92.9	10098.5	275.0	-42.5	99.9	224.3	24.5	17.1	17.5	333.7	999.9	99.9	999.9	42.9	38.
36.1	97.5	10733.6	250.0	-49.8	99.9	220.8	22.2	14.5	16.8	333.5	999.9	99.9	999.9	45.4	38.
38.3	102.4	11418.5	225.0	-53.5	99.9	213.7	25.7	14.2	21.4	336.6	999.9	99.9	999.9	48.5	38.
40.3	107.6	12167.5	200.0	-58.6	99.9	214.6	24.2	13.7	19.9	340.0	999.9	99.9	999.9	51.6	38.
43.2	113.5	12998.6	175.0	-62.7	99.9	227.7	21.3	15.7	14.3	346.5	999.9	99.9	999.9	54.9	38.
46.3	119.8	13949.2	150.0	-65.1	99.9	236.2	27.8	23.0	15.4	358.0	999.9	99.9	999.9	59.7	39.
50.8	126.9	15066.9	125.0	-68.5	99.9	230.6	33.1	25.6	21.0	370.9	999.9	99.9	999.9	66.5	41.
56.0	134.7	16415.4	100.0	-59.1	99.9	999.9	99.9	99.9	99.9	413.5	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 34
MOUNTAIN VIEW, OKLAHOMA

9 MAY 1979
1223 GMT

110 113. 0

TIME MIN	CNFCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.6	417.9	954.9	20.4	17.8	150.0	5.1	-2.6	4.4	297.5	333.1	13.6	85.0	0.0	0.
99.9	99.9	99.9	1300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	11.1	461.8	950.0	21.5	18.4	178.4	15.5	-0.4	15.5	299.0	336.4	14.2	82.3	0.5	352.
0.9	13.3	693.0	925.0	19.4	17.3	179.1	15.5	-0.2	15.4	299.2	335.1	13.6	87.4	0.8	355.
1.7	15.5	929.0	900.0	17.6	16.2	185.6	15.8	1.6	15.8	299.6	334.2	13.0	91.9	1.6	357.
2.6	17.7	1170.3	875.0	16.2	15.1	197.9	16.2	5.6	17.4	300.6	333.9	12.5	93.3	2.4	3.
3.4	20.0	1416.4	850.0	15.1	14.0	208.8	20.8	10.0	18.2	302.3	334.2	12.0	93.2	3.4	9.
4.2	22.3	1670.4	825.0	13.9	12.8	215.5	20.8	12.1	16.9	303.3	334.3	11.4	93.3	4.3	14.
.2	24.6	1930.3	800.0	12.6	11.6	215.5	21.2	12.3	17.2	304.6	334.2	10.8	93.6	5.4	19.
6.1	27.0	2197.0	775.0	11.4	10.5	208.4	20.1	9.6	17.7	306.1	334.7	10.4	93.9	6.6	22.
7.1	29.4	2475.1	750.0	10.8	-17.1	200.5	20.2	7.1	18.9	314.8	339.2	1.4	8.5	7.8	22.
8.3	31.8	2762.3	725.0	15.2	-35.2	200.9	19.3	6.9	18.1	316.2	317.1	0.3	1.7	9.2	22.
9.4	34.2	3057.9	700.0	13.3	-35.3	203.9	18.7	7.	17.1	317.3	318.2	0.3	2.0	10.4	22.
10.5	36.7	3361.7	675.0	12.8	-35.7	204.8	17.5	7.4	15.9	317.7	318.7	0.3	2.2	11.7	22.
11.6	39.2	3674.3	650.0	7.9	-36.3	205.9	17.2	7.5	15.4	317.9	318.8	0.3	2.5	12.8	22.
12.7	41.9	3995.1	625.0	4.7	-37.2	207.3	17.4	8.0	15.5	317.8	318.7	0.2	2.9	13.9	23.
13.7	44.5	4325.9	600.0	1.9	-38.2	209.0	17.0	8.2	14.9	318.3	319.2	0.2	3.2	15.0	23.
14.9	47.2	4666.9	575.0	-0.9	-39.3	210.9	17.0	8.7	14.6	318.9	319.7	0.2	3.5	16.1	24.
16.3	50.0	5019.8	550.0	-3.1	-40.2	205.3	16.7	7.2	15.1	320.4	321.2	0.2	3.7	17.3	24.
17.3	52.9	5386.9	525.0	-6.2	-41.6	200.3	14.9	5.2	13.9	321.0	321.7	0.2	4.0	18.5	24.
18.6	55.7	5765.1	500.0	-9.3	-43.1	199.4	15.4	5.1	14.5	321.7	322.3	0.2	4.4	19.8	24.
19.9	58.7	6158.8	475.0	-12.9	-40.1	199.8	14.5	4.9	13.7	322.0	322.8	0.2	8.1	20.9	23.
21.4	61.5	6568.2	450.0	-16.5	-35.3	201.0	14.7	5.3	13.8	322.5	323.9	0.4	17.8	22.1	23.
23.0	64.9	6995.5	425.0	-19.0	-50.2	206.4	15.6	6.9	14.0	324.6	324.9	0.1	4.4	23.5	23.
24.6	68.1	7444.0	400.0	-22.2	-52.2	211.6	19.1	10.0	16.3	326.1	326.4	0.1	4.6	25.2	24.
26.2	71.6	7915.4	375.0	-25.6	-54.1	219.0	18.3	11.5	14.2	327.8	328.0	0.1	4.9	27.0	24.
27.9	74.7	8412.2	350.0	-29.2	-56.2	223.2	19.0	13.0	13.9	329.4	329.6	0.1	5.3	28.7	25.
29.5	78.3	8937.1	325.0	-33.1	-58.6	223.9	21.0	14.5	15.1	331.0	331.2	0.0	5.7	30.6	27.
31.2	82.0	9494.2	300.0	-37.9	-61.6	223.6	22.4	15.4	16.2	331.9	332.1	0.0	6.2	32.8	28.
33.3	86.0	10087.2	275.0	-43.3	99.9	228.5	22.3	16.7	14.8	332.5	999.9	99.9	999.9	35.1	29.
35.3	90.2	10720.5	250.0	-49.2	99.9	228.6	22.7	17.1	15.0	333.0	999.9	99.9	999.9	37.5	30.
36.9	94.5	11400.9	225.0	-54.1	99.9	227.9	23.8	17.8	16.0	335.6	999.9	99.9	999.9	40.1	31.
39.1	99.2	12150.1	200.0	-59.2	99.9	225.1	22.5	16.0	15.9	339.1	999.9	99.9	999.9	43.1	33.
41.6	104.4	12977.6	175.0	-62.9	99.9	229.9	27.3	20.9	17.6	346.2	999.9	99.9	999.9	46.5	33.
44.4	109.8	13937.6	150.0	-62.0	99.9	227.0	25.9	18.9	17.6	366.7	999.9	99.9	999.9	50.8	35.
47.7	116.0	15070.9	125.0	-61.4	99.9	999.9	99.9	99.9	99.9	383.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 34
MOUNTAIN VIEW, OKLAHOMA

9 MAY 1979
1405 GMT

114 138. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED /SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	10.2	417.0	954.5	22.4	17.3	130.0	6.2	-4.7	4.0	299.5	336.5	13.2	73.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
3.2	10.6	458.3	950.0	22.1	17.7	151.4	8.6	-4.1	7.5	299.6	335.6	13.[illegible]	76.4	0.2	349.
1.3	13.0	690.3	925.0	20.0	17.8	172.6	14.2	-1.8	14.0	299.8	336.9	14.0	87.0	0.7	344.
1.9	15.4	926.6	900.0	18.3	17.0	180.4	18.1	0.1	18.1	300.3	336.7	13.7	92.1	1.5	350.
2.6	17.8	1168.3	875.0	16.7	15.7	194.3	19.4	4.8	18.8	301.2	335.9	13.0	93.9	2.4	357.
3.6	20.3	1416.4	850.0	16.7	15.5	210.2	18.0	9.1	15.6	303.7	338.4	13.2	92.7	3.5	5.
4.7	22.8	1671.1	825.0	15.7	14.4	219.2	17.1	10.8	13.2	305.2	339.5	12.6	91.8	4.5	12.
5.9	25.3	1932.7	800.0	13.9	12.7	225.4	17.0	12.1	11.9	306.0	339.0	11.7	92.7	5.5	18.
6.8	27.9	2202.5	775.0	18.3	-2.4	218.4	17.3	10.7	13.5	313.5	326.4	4.4	26.4	6.4	22.
7.7	30.4	2482.7	750.0	17.4	-18.7	205.0	19.1	8.1	17.3	315.5	317.3	1.2	7.0	7.4	23.
8.7	33.0	2770.3	725.0	15.4	-23.7	199.7	18.8	6.4	17.7	316.4	319.0	0.8	5.1	8.5	23.
9.7	35.8	3066.3	700.0	13.1	-40.7	200.3	18.3	6.3	17.2	317.0	317.6	0.2	1.3	9.6	23.
10.9	38.6	3369.7	675.0	10.5	-43.5	201.9	18.9	7.0	17.5	317.4	317.8	0.1	1.0	10.9	22.
12.3	41.3	3681.9	650.0	7.9	-45.1	201.1	18.1	6.5	16.9	317.9	318.3	0.1	1.0	12.1	22.
13.2	44.1	4002.9	625.0	5.0	-46.9	199.1	17.5	5.7	16.5	318.2	318.5	0.1	1.0	13.5	22.
14.6	47.0	4333.4	600.0	1.9	-43.2	197.9	17.6	5.4	16.7	318.4	318.9	0.1	1.9	14.9	22.
15.9	50.0	4674.4	575.0	-1.3	-46.6	196.9	19.0	6.9	18.3	318.[illegible]	314.9	0.1	1.6	16.4	21.
17.3	53.0	5025.9	550.0	-3.3	-52.0	188.9	17.9	2.8	17.7	320.2	320.6	0.1	1.0	17.9	21.
18.6	56.1	5392.6	525.0	-6.3	-53.9	183.7	20.4	1.3	20.4	320.8	321.0	0.0	1.0	19.3	19.
19.9	59.3	5771.7	500.0	-9.2	-55.7	190.8	18.9	3.5	18.6	321.8	322.0	0.0	1.0	20.8	18.
21.3	62.6	6166.1	475.0	-12.2	-57.7	199.7	18.9	6.4	17.8	322.9	323.0	0.0	1.0	22.4	18.
22.7	65.9	6576.7	450.0	-15.6	-59.8	209.0	20.5	9.9	17.9	323.6	323.7	0.0	1.0	23.9	19.
24.0	69.3	7004.6	425.0	-19.8	-55.5	214.3	20.0	11.3	16.5	323.7	323.9	0.0	2.5	25.6	20.
25.5	72.9	7451.0	400.0	-23.6	-56.4	213.3	20.0	11.9	16.7	324.4	324.6	0.0	3.5	27.3	20.
27.2	76.6	7920.3	375.0	-26.7	-56.9	211.9	17.5	9.2	14.9	326.3	326.5	0.0	3.9	29.1	21.
29.0	80.5	8414.4	350.0	-30.4	-53.8	211.7	18.2	9.6	15.5	327.7	329.0	0.1	8.1	31.0	22.
30.9	84.5	8936.9	325.0	-34.4	-57.9	214.7	21.4	12.2	17.6	329.3	329.5	0.0	7.1	33.1	23.
32.7	88.5	9492.0	300.0	-38.5	-61.3	217.0	25.6	15.4	20.5	331.1	331.2	0.0	7.0	35.7	24.
34.8	91.9	10082.8	275.0	-43.9	99.9	220.9	24.3	15.9	18.4	331.6	999.9	99.9	999.9	38.3	25.
36.8	97.6	10714.7	250.0	-49.5	99.9	223.7	24.0	16.8	17.4	332.4	999.9	99.9	999.9	41.1	26.
38.9	102.4	11398.9	225.0	-53.6	99.9	226.7	26.5	19.3	18.2	336.4	999.9	99.9	999.9	44.2	27.
41.3	107.8	12146.7	200.0	-59.1	99.9	222.2	26.8	18.0	19.8	339.3	999.9	99.9	999.9	47.8	29.
43.5	113.5	12974.8	175.0	-63.7	99.9	225.2	28.3	20.0	19.9	344.8	999.9	99.9	999.9	51.5	30.
46.4	119.8	13930.3	150.0	-59.6	99.9	999.9	99.9	99.9	99.9	367.6	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	[illegible].9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	[illegible].9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 34
MOUNTAIN VIEW, OKLAHOMA

9 MAY 1979
1705 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GR/KG	RH PCT	RANGE KM	AZ DG
0.0	10.1	417.0	954.2	25.3	18.0	130.0	6.2	-4.7	4.0	302.5	339.4	13.8	64.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	10.5	455.9	950.0	24.7	17.4	147.7	10.2	-5.5	8.7	302.3	338.1	13.4	64.0	0.2	353.
0.9	12.9	684.3	925.0	21.9	17.2	171.3	14.6	-2.2	14.5	301.7	337.8	13.5	74.7	0.8	345.
1.6	15.4	927.1	900.0	19.7	17.3	180.0	14.7	0.0	14.7	301.8	339.1	14.0	86.2	1.4	350.
2.4	17.9	1169.9	875.0	17.7	16.3	195.6	15.5	4.2	14.9	302.2	338.4	13.5	91.5	2.2	355.
3.3	20.4	1418.3	850.0	16.8	15.5	216.8	15.6	9.3	12.5	303.7	339.4	13.2	92.2	2.9	4.
4.2	23.0	1673.0	825.0	15.6	14.1	224.8	12.5	8.8	8.8	305.1	339.8	12.4	90.8	3.6	13.
5.1	25.6	1934.7	800.0	14.2	12.7	221.1	10.5	6.9	7.9	306.3	338.3	11.7	90.9	4.1	17.
6.1	28.2	2202.9	775.0	13.5	6.9	201.8	10.6	3.9	9.8	308.3	331.8	8.2	66.4	4.6	19.
7.1	30.9	2481.3	750.0	16.9	-8.2	196.6	14.1	3.8	13.6	314.9	323.4	2.8	17.3	5.3	18.
8.1	33.6	2769.3	725.0	15.6	-10.9	198.8	19.3	6.2	18.3	316.6	323.8	2.3	15.8	6.4	18.
9.1	36.3	3065.4	700.0	13.6	-13.6	202.8	20.0	7.7	18.4	317.6	323.6	1.9	13.7	7.7	18.
10.4	39.1	3369.7	675.0	10.7	-14.4	205.3	19.9	8.5	18.0	317.7	323.6	1.9	15.6	9.2	19.
11.6	42.0	3682.3	650.0	8.1	-15.6	203.3	21.1	8.3	19.4	318.1	323.7	1.7	16.7	10.8	20.
12.9	45.0	4004.1	625.0	4.9	-17.4	200.8	20.9	7.4	19.5	318.1	323.2	1.6	18.0	12.2	20.
14.1	47.8	4335.3	600.0	2.2	-18.2	201.1	21.3	7.6	19.8	318.6	323.5	1.5	20.3	13.8	20.
15.2	50.9	4676.5	575.0	-1.2	-19.9	202.2	20.3	7.7	18.8	318.6	323.1	1.4	22.4	15.2	21.
16.4	54.0	5028.7	550.0	-4.5	-21.4	199.9	19.2	6.5	18.6	318.7	322.8	1.3	25.2	16.6	21.
17.7	57.1	5393.0	525.0	-6.8	-29.5	197.4	20.7	6.2	19.8	320.2	322.4	0.6	14.4	18.1	20.
19.3	60.4	5772.2	500.0	-9.4	-30.9	201.5	21.2	7.8	19.7	321.6	323.8	0.6	15.4	20.2	20.
21.0	63.8	6166.1	475.0	-12.8	-32.0	203.5	21.1	8.4	19.3	322.1	324.0	0.5	18.3	22.2	21.
22.7	67.1	6576.0	450.0	-15.7	-35.3	202.5	26.0	9.9	24.8	323.5	324.9	0.4	16.7	24.5	21.
24.1	70.6	7004.7	425.0	-18.8	-37.9	206.8	21.5	9.7	19.2	324.9	326.1	0.3	16.5	26.9	21.
25.6	74.3	7452.9	400.0	-22.8	-41.0	212.0	20.3	10.8	17.2	325.6	326.3	0.3	17.8	28.3	21.
27.1	78.0	7923.1	375.0	-26.1	-43.2	213.7	23.0	12.8	19.1	327.0	327.8	0.2	18.1	30.4	22.
28.7	82.0	8418.4	350.0	-30.1	-45.6	216.5	22.8	13.6	18.3	328.2	328.9	0.2	20.2	32.5	23.
30.6	86.0	8941.4	325.0	-34.3	-48.6	216.2	24.9	14.7	20.1	329.4	329.9	0.1	21.7	35.0	24.
32.5	90.3	9496.8	300.0	-38.3	-51.9	999.9	99.9	99.9	99.9	331.4	331.8	0.1	22.0	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 34
MOUNTAIN VIEW, OKLAHOMA

9 MAY 1979
2005 GMT

00 226. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.3	417.0	953.9	26.5	19.6	130.0	7.2	-5.5	4.6	303.7	344.2	15.1	65.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	11.7	453.3	950.0	26.3	19.6	143.6	10.3	-6.1	8.3	303.9	345.1	15.3	66.7	0.2	347.
0.9	14.2	685.1	925.0	23.6	18.2	156.0	13.2	-5.4	12.0	303.4	342.2	14.4	72.0	0.7	336.
1.7	16.7	927.4	900.0	21.2	17.7	162.3	13.3	-4.1	12.7	303.4	341.9	14.3	80.3	1.6	337.
2.6	19.3	1171.5	875.0	19.3	17.3	172.1	12.2	-1.7	12.1	303.9	342.7	14.4	88.3	2.1	340.
3.5	21.9	1420.9	850.0	16.9	16.2	180.6	11.6	0.1	11.6	303.9	341.2	13.8	95.4	2.7	344.
4.4	24.4	1675.8	825.0	15.1	14.3	196.3	10.5	2.9	10.1	304.5	338.6	12.5	99.9	3.2	348.
5.3	27.0	1937.0	800.0	14.3	12.6	201.1	10.8	3.9	10.1	306.4	338.2	11.6	89.8	3.7	353.
6.3	29.8	2205.0	775.0	12.1	10.0	197.1	11.8	3.5	11.3	306.8	334.6	10.0	86.7	4.3	357.
7.2	32.4	2480.7	750.0	16.0	-24.0	191.6	16.2	3.3	15.8	313.9	316.3	0.7	4.8	5.1	359.
8.2	35.2	2767.9	725.0	15.4	-25.0	198.9	18.8	6.1	17.8	316.4	318.7	0.7	4.5	6.0	2.
9.3	38.0	3064.1	700.0	14.3	-25.6	200.6	21.2	7.5	19.8	318.3	320.6	0.7	4.7	7.3	5.
10.5	41.8	3369.0	675.0	11.7	-26.9	195.2	21.5	5.6	20.7	318.7	320.9	0.6	5.0	8.9	8.
11.7	43.7	3682.5	650.0	8.6	-28.3	193.0	20.3	4.6	19.8	318.7	320.7	0.6	5.3	10.3	8.
12.9	46.5	4004.6	625.0	5.7	-29.7	194.9	19.4	5.0	18.8	319.0	320.9	0.6	6.2	11.7	9.
14.1	49.5	4336.3	600.0	2.7	-26.6	197.5	20.5	6.2	19.6	319.2	321.7	0.7	9.3	13.2	10.
15.3	52.6	4678.2	575.0	-0.8	-28.9	202.0	20.4	7.6	18.9	319.1	321.2	0.6	9.7	14.7	11.
16.6	55.8	5030.7	550.0	-3.8	-30.9	205.2	19.8	8.4	17.9	319.5	321.3	0.5	10.0	16.2	12.
17.9	59.0	5395.7	525.0	-7.2	-33.2	204.7	20.0	8.4	18.1	319.8	321.3	0.4	10.3	17.7	13.
19.1	62.1	5773.7	500.0	-10.1	-33.1	199.2	21.0	6.9	19.8	320.8	321.7	0.3	7.2	19.2	14.
20.5	65.4	6167.4	475.0	-12.3	-41.9	198.8	21.5	6.9	20.4	322.7	323.5	0.2	6.4	20.9	14.
21.9	68.9	6578.3	450.0	-15.1	-41.5	206.2	22.1	9.7	19.8	321.3	325.1	0.2	8.3	22.8	15.
23.5	72.4	7307.4	425.0	-18.5	-43.7	211.5	22.3	11.6	19.0	325.3	326.0	0.2	8.0	24.7	16.
25.0	76.0	7457.3	400.0	-21.2	-45.5	211.9	25.7	13.6	21.8	327.5	328.1	0.2	9.0	26.9	17.
26.7	79.8	7929.0	375.0	-25.6	-48.1	218.9	24.4	15.4	19.0	327.8	328.2	0.1	10.0	29.3	19.
28.6	83.7	8425.9	350.0	-29.9	-48.9	224.4	26.7	18.7	19.1	329.6	330.1	0.1	12.5	32.0	21.
30.5	87.8	8951.2	325.0	-33.1	-52.0	228.5	24.5	18.3	16.3	331.1	331.5	0.1	13.0	34.7	23.
32.3	92.0	9508.2	300.0	-37.7	-55.5	222.9	26.2	17.8	19.2	332.3	332.5	0.1	13.4	37.1	25.
34.1	96.4	10103.3	275.0	-42.3	99.9	217.7	25.5	15.6	20.2	333.9	999.9	99.9	999.9	40.0	26.
36.1	101.2	10739.4	250.0	-48.0	99.9	999.9	99.9	99.9	99.9	334.7	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 36
MOUNTAIN VIEW, OKLAHOMA

9 MAY 1979
2333 GMT

125 100. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.2	417.0	951.0	25.9	18.6	140.0	6.7	-4.3	5.1	303.4	341.9	14.3	64.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	11.3	426.3	950.0	25.8	18.6	141.7	7.8	-4.8	6.1	303.3	342.0	14.4	64.6	0.0	358.
0.9	13.6	661.2	925.0	23.7	18.5	155.5	17.1	-7.1	15.5	303.5	342.9	14.6	72.6	0.9	337.
1.8	16.0	900.4	900.0	21.7	16.2	158.1	17.5	-6.5	16.3	303.9	343.7	14.8	80.2	1.8	336.
2.6	18.5	1144.8	875.0	19.4	17.3	160.7	18.4	-6.1	17.4	303.9	342.7	14.4	87.6	2.7	338.
3.5	20.9	1394.4	850.0	18.1	14.7	165.4	17.1	-4.3	16.5	305.1	339.1	12.5	80.3	3.6	338.
4.3	23.3	1650.5	825.0	16.8	12.6	176.0	16.3	-1.1	16.3	306.4	337.3	11.2	76.3	4.4	341.
5.3	25.9	1912.9	800.0	15.2	12.2	187.6	15.6	2.1	15.4	307.3	338.6	11.3	82.7	5.3	345.
6.4	28.4	2181.2	775.0	14.4	5.2	197.9	18.6	5.7	17.7	309.4	338.7	7.5	56.8	6.2	349.
7.4	31.0	2460.9	750.0	10.7	-10.0	200.0	21.9	7.5	20.6	316.9	329.4	2.4	13.2	7.4	356.
8.6	33.6	2750.1	725.0	10.6	-13.7	198.2	24.2	8.7	23.2	317.6	323.5	1.8	11.3	9.0	359.
9.9	36.3	3047.0	700.0	14.1	-15.3	197.1	23.7	7.8	22.6	318.1	323.5	1.7	11.5	10.7	2.
11.0	39.0	3351.7	675.0	11.2	-17.3	200.3	24.8	8.6	23.3	318.2	322.9	1.4	11.8	12.2	4.
12.2	41.8	3665.1	650.0	8.8	-19.0	202.8	28.3	11.0	26.1	319.8	323.2	1.3	12.0	14.1	6.
13.5	44.7	3987.6	625.0	5.7	-21.7	209.3	23.3	11.4	20.3	319.8	322.5	1.1	11.7	16.1	9.
14.8	47.5	4319.3	600.0	2.8	-23.7	208.8	22.1	10.8	19.7	319.3	322.5	0.9	12.0	17.7	11.
16.3	50.5	4661.7	575.0	-0.0	-26.2	202.8	22.0	8.5	20.3	320.0	322.6	0.8	11.8	19.7	12.
17.7	53.5	5015.3	550.0	-3.3	-28.7	199.9	23.3	7.9	21.9	320.2	322.4	0.6	11.8	21.4	13.
19.3	56.5	5381.5	525.0	-5.7	-31.2	202.7	24.5	9.4	22.6	321.5	323.4	0.5	11.3	23.3	13.
20.4	59.7	5762.2	500.0	-8.0	-32.8	206.2	24.8	10.6	21.5	323.3	325.0	0.5	11.5	25.2	14.
21.9	62.9	6159.3	475.0	-11.0	-34.1	211.6	25.3	13.2	21.5	324.3	325.9	0.4	12.8	27.3	15.
23.3	66.3	6570.3	450.0	-15.2	-37.9	217.1	24.4	14.7	19.5	324.2	325.3	0.3	12.2	29.5	17.
25.1	69.7	6999.9	425.3	-17.7	-35.4	221.5	24.8	16.5	18.6	326.3	327.9	0.4	19.4	31.8	19.
26.9	73.1	7450.9	400.0	-20.9	-36.7	222.6	25.4	17.2	18.7	327.8	329.3	0.4	22.6	34.4	20.
28.5	76.9	7925.0	375.0	-23.7	-42.7	227.6	26.9	19.9	18.2	330.3	331.2	0.2	15.3	36.7	22.
30.1	80.6	8425.1	350.0	-28.1	-46.3	233.3	26.7	21.4	16.0	330.9	331.6	0.2	15.4	39.0	24.
31.9	84.5	8951.9	325.0	-32.7	-49.9	236.8	26.6	20.6	13.5	331.7	332.1	0.1	15.9	41.4	26.
33.7	89.7	9510.0	300.0	-37.1	-51.9	230.7	27.8	21.5	17.6	333.1	333.5	0.1	19.4	43.8	28.
35.4	93.0	10105.6	275.0	-41.8	99.9	229.8	24.1	18.4	15.5	334.7	999.9	99.9	999.9	46.3	29.
37.6	97.7	10744.6	250.0	-47.1	99.9	226.9	24.0	17.5	16.6	336.8	999.9	99.9	999.9	49.3	30.
39.9	102.6	11433.6	225.0	-52.2	99.9	229.7	25.3	19.3	16.3	338.5	999.9	99.9	999.9	52.5	31.
42.3	107.8	12186.1	200.0	-57.6	99.9	236.6	25.4	21.2	14.0	341.6	999.9	99.9	999.9	56.0	33.
44.6	113.9	13022.5	175.0	-60.7	99.9	256.2	24.3	23.6	5.8	349.8	999.9	99.9	999.9	58.9	34.
47.0	120.0	13977.0	150.0	-62.4	99.9	262.5	26.1	23.2	12.1	362.6	999.9	99.9	999.9	61.2	36.
50.2	127.0	15108.5	125.0	-63.2	99.9	999.9	99.9	99.9	99.9	380.6	999.9	99.9	999.9	64.7	38.
53.7	135.8	16475.8	100.0	-63.0	99.9	999.9	99.9	99.9	99.9	406.1	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 34
MOUNTAIN VIEW, OKLAHOMA

10 MAY 1979
2205 GMT

126 99. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.9	417.0	951.9	23.2	18.9	130.0	7.7	-5.9	4.9	300.6	339.5	14.7	77.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.
3.1	11.1	434.5	950.0	22.9	19.1	156.6	18.3	-7.3	16.8	300.4	339.7	14.8	79.4	0.5	340.
3.9	13.5	669.2	925.0	22.9	19.7	157.0	19.3	-7.5	17.8	302.7	344.9	15.8	82.2	0.9	338.
4.9	16.9	907.0	900.0	20.7	19.0	159.9	23.2	-8.0	21.8	302.9	344.6	15.6	89.6	2.1	338.
5.7	19.3	1151.3	875.0	19.1	18.0	165.4	24.6	-6.2	23.8	303.6	344.2	15.1	93.5	3.4	339.
6.5	22.7	1401.3	850.0	18.5	16.4	174.2	20.9	-2.1	20.8	305.5	343.5	14.0	87.5	4.7	342.
8.6	23.2	1657.2	825.0	16.4	14.4	177.1	18.1	-0.9	18.0	305.9	340.6	12.7	88.3	5.7	345.
9.5	25.7	1919.1	800.0	14.2	13.2	183.4	17.3	1.0	17.3	306.3	339.4	12.1	93.6	6.7	347.
8.5	28.2	2187.2	775.0	12.3	10.8	195.8	18.2	5.0	17.6	307.0	338.4	10.6	90.7	7.6	353.
7.6	33.9	2464.1	750.0	16.7	-30.0	203.7	19.8	8.0	18.2	314.7	320.2	1.9	13.6	8.6	354.
8.6	33.4	2751.9	725.0	15.6	-39.6	199.5	22.6	7.6	21.3	316.8	317.4	0.2	1.1	9.6	357.
9.3	36.1	3047.6	700.0	13.5	-39.3	201.6	25.0	9.2	23.2	317.4	318.1	0.2	1.3	11.0	360.
10.5	39.8	3351.6	675.0	11.1	-38.8	202.1	27.7	10.4	25.7	318.1	318.8	0.2	1.6	12.7	3.
11.7	41.6	3664.6	650.0	8.7	-38.9	204.5	23.7	9.8	21.5	318.8	319.5	0.2	1.8	14.5	6.
12.9	44.3	3986.7	625.0	5.5	-39.4	204.5	23.9	9.9	21.8	318.8	319.5	0.2	2.2	16.0	7.
14.1	47.3	4318.1	600.0	2.4	-40.1	205.8	23.2	10.1	20.9	318.9	319.5	0.2	2.5	17.7	9.
15.3	50.2	4659.7	575.0	-0.7	-41.1	200.7	24.5	8.7	22.9	319.1	319.8	0.2	2.8	19.3	11.
16.3	53.1	5012.5	550.0	-3.6	-42.1	196.0	23.7	5.7	23.0	319.8	320.4	0.2	3.2	20.9	11.
17.6	56.3	5378.0	525.0	-6.1	-43.1	207.6	30.7	14.2	27.2	321.1	321.7	0.2	3.4	22.7	11.
18.9	59.4	5756.3	500.0	-8.2	-43.5	224.6	34.4	24.2	24.5	323.0	323.6	0.2	3.9	25.1	14.
20.1	62.6	6153.9	475.0	-11.8	-34.9	219.6	25.6	16.3	19.7	323.4	324.9	0.4	12.8	27.1	17.
21.6	66.0	6565.5	450.0	-14.6	-32.7	220.2	24.6	15.9	18.8	324.9	326.8	0.5	14.6	29.1	18.
23.3	69.4	6991.4	425.0	-17.6	-35.5	218.6	26.2	16.3	20.5	326.5	327.6	0.3	14.1	31.4	20.
24.7	72.9	7446.7	400.0	-21.8	-40.7	218.1	27.1	16.7	21.3	326.7	327.7	0.3	16.0	33.9	21.
26.4	76.6	7919.4	375.0	-24.9	-44.7	226.4	27.2	19.7	18.7	328.7	329.4	0.2	13.8	36.0	23.
28.1	80.3	8417.5	350.0	-28.3	-47.5	229.3	28.2	21.4	18.4	330.6	331.2	0.1	13.7	38.7	25.
29.7	84.3	8944.7	325.0	-32.4	-51.8	224.3	26.2	18.3	18.8	332.0	332.4	0.1	12.4	41.2	26.
31.4	88.3	9504.3	300.0	-36.4	-54.8	223.1	28.8	19.7	21.0	334.1	334.4	0.1	12.8	43.8	27.
33.3	92.7	10101.4	275.0	-41.3	99.9	227.5	26.7	19.7	18.0	335.3	999.9	99.9	999.9	46.8	28.
35.3	97.4	10741.0	250.0	-46.8	99.9	227.0	26.0	19.0	17.7	336.5	999.9	99.9	999.9	49.7	29.
37.4	102.3	11430.5	225.0	-51.8	99.9	234.2	24.3	19.7	14.2	339.1	999.9	99.9	999.9	52.9	31.
39.5	107.6	12186.1	200.0	-55.7	99.9	244.8	24.3	22.0	10.4	344.5	999.9	99.9	999.9	55.3	32.
41.4	113.4	13025.9	175.0	-62.2	99.9	267.8	23.8	23.8	0.9	347.4	999.9	99.9	999.9	57.8	34.
43.8	119.7	13967.4	150.0	-65.1	99.9	248.5	26.4	24.5	9.7	356.0	999.9	99.9	999.9	60.2	36.
46.3	126.7	15074.0	125.0	-66.5	99.9	999.9	99.9	99.9	99.9	374.6	999.9	99.9	999.9	62.0	37.
49.4	134.7	16435.3	100.0	-62.4	99.9	999.9	99.9	99.9	99.9	407.1	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 34
MOUNTAIN VIEW, OKLAHOMA

18 MAY 1979
458 GMT

127 98. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	11.9	417.9	952.5	22.5	19.1	130.0	5.7	-4.4	3.7	299.8	338.9	14.8	81.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	11.2	440.3	950.0	22.4	19.2	136.0	7.8	-5.4	5.6	299.9	339.5	15.0	82.5	0.1	357.
1.1	13.7	672.5	925.3	21.0	19.1	160.3	17.7	-6.0	16.6	300.8	341.3	15.3	88.9	1.8	341.
1.9	16.1	909.9	900.0	19.2	18.2	164.3	22.5	-6.1	21.7	301.3	340.8	14.8	93.9	2.8	343.
2.9	18.6	1152.5	875.0	17.3	16.5	168.1	23.2	-4.8	22.7	301.8	338.4	13.7	95.1	3.4	343.
3.9	21.1	1400.5	850.0	16.1	15.3	174.6	25.4	-2.4	25.3	303.1	338.2	13.0	94.9	4.7	346.
4.8	23.6	1654.9	825.0	15.1	14.2	178.9	23.5	-0.5	23.5	304.5	338.5	12.5	94.7	6.2	348.
5.9	26.2	1916.5	800.0	15.0	11.8	189.0	19.0	3.0	18.8	307.2	337.6	11.0	81.5	7.5	351.
6.9	28.8	2186.7	775.0	15.8	7.5	210.0	16.8	8.4	14.5	310.8	334.9	8.5	58.1	8.5	354.
7.9	31.4	2465.0	750.0	15.4	0.5	217.3	18.7	11.3	14.9	313.3	329.6	5.6	38.0	9.3	359.
8.8	34.1	2751.8	725.0	14.9	-16.5	213.4	21.9	12.1	18.3	315.8	320.5	1.4	9.9	10.2	2.
9.7	36.8	3047.0	700.0	12.5	-19.3	212.5	22.0	11.8	18.5	314.3	320.2	1.2	9.1	11.2	5.
10.7	39.6	3353.5	675.0	10.4	-21.4	207.1	25.5	11.6	22.7	317.3	320.7	1.0	8.8	12.4	8.
11.7	42.4	3662.7	650.0	7.7	-23.1	206.0	25.6	11.2	23.0	317.7	320.7	0.9	9.0	13.7	10.
12.6	45.3	3993.9	625.0	5.0	-24.9	206.1	25.7	11.3	23.1	318.1	320.8	0.8	9.3	15.2	11.
13.6	48.2	4314.8	600.0	2.1	-26.7	206.5	26.6	11.8	23.8	318.6	321.0	0.7	9.8	16.8	13.
14.8	51.2	4656.4	575.0	-1.0	-27.6	209.2	26.8	13.0	23.4	318.9	321.2	0.7	11.1	18.6	14.
15.9	54.1	5008.8	550.0	-4.1	-30.4	210.4	26.7	13.5	23.1	319.3	321.2	0.5	10.7	20.5	16.
17.1	57.3	5370.1	525.0	-6.3	-33.2	213.5	24.6	13.5	20.4	320.8	322.4	0.4	9.7	22.1	17.
18.3	60.5	5753.8	500.0	-8.8	-32.3	213.4	25.4	14.0	21.2	322.4	324.1	0.5	12.8	23.9	18.
19.5	63.8	6149.8	475.0	-12.2	-27.1	216.2	23.6	13.9	19.0	322.9	325.8	0.9	27.5	25.6	19.
20.9	67.1	6559.4	450.0	-15.4	-29.7	216.8	23.8	14.2	19.0	323.9	326.4	0.7	28.0	27.4	21.
22.3	70.7	6989.0	425.0	-17.9	-34.5	213.9	25.8	14.4	21.4	326.1	327.8	0.5	21.7	29.4	22.
23.8	74.3	7440.1	400.0	-20.8	-39.7	209.1	26.4	12.9	23.1	328.0	329.0	0.3	16.4	31.5	22.
25.3	78.0	7913.2	375.0	-24.7	-42.8	213.7	26.0	14.4	21.8	328.9	329.7	0.2	16.7	33.6	23.
26.5	81.6	9412.2	350.0	-28.1	-46.5	216.7	27.7	16.5	22.2	330.8	331.5	0.2	15.2	36.1	24.
24.3	85.8	8940.0	325.0	-31.8	-49.4	218.3	25.9	16.1	20.4	332.8	333.3	0.1	15.4	38.8	25.
30.0	90.0	9500.2	300.0	-36.4	-53.1	217.3	27.1	16.5	21.6	334.1	334.4	0.1	15.8	41.4	26.
32.0	94.4	10076.9	275.0	-41.7	99.9	221 7	27.3	18.1	20.3	334.9	999.9	99.9	999.9	44.4	26.
34.0	99.2	10735.4	250.0	-47.0	99.9	229.1	26.3	19.8	17.2	336.2	999.9	99.9	999.9	47.6	28.
35.9	104.0	11425.5	225.0	-51.8	99.9	241.2	27.8	24.4	13.4	339.2	999.9	99.9	999.9	50.3	29.
37.8	109.4	12180.9	200.0	-57.5	99.9	255.2	27.3	26.4	7.0	341.7	999.9	99.9	999.9	53.0	32.
39.9	115.0	13012.3	175.0	-62.6	99.9	260.8	15.7	15.5	2.6	346.7	999.9	99.9	999.9	54.9	34.
42.3	121.5	13947.3	150.0	-68.5	99.9	224.3	15.3	10.7	11.8	352.2	999.9	99.9	999.9	56.2	35.
45.3	128.5	15046.9	125.0	-65.3	99.9	999.9	99.9	99.9	99.9	376.8	999.9	99.9	999.9	60.1	35.
46.7	136.3	16408.7	100.0	-63.1	99.9	999.9	99.9	99.9	99.9	408.8	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
c BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 36
MOUNTAIN VIEW, OKLAHOMA

10 MAY 1979
600 GMT

118 125. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.2	417.0	954.6	22.5	18.9	140.0	5.1	-3.3	3.9	299.6	338.1	14.6	80.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	12.6	459.3	950.0	22.3	19.7	160.4	10.0	-3.3	9.4	299.8	340.6	15.5	85.4	0.3	359.
0.9	15.0	691.8	925.0	21.5	19.7	183.0	16.4	0.9	16.3	301.3	343.5	15.9	89.9	0.9	358.
1.8	17.5	930.1	900.0	20.4	18.3	193.1	20.2	4.8	19.7	302.5	342.4	14.9	87.7	1.7	3.
2.4	19.9	1174.0	875.0	19.6	16.6	202.4	21.0	8.0	19.4	304.1	341.4	13.8	83.3	2.6	8.
3.1	22.4	1424.1	850.0	18.3	15.1	209.2	21.3	10.4	18.8	305.3	340.6	12.9	82.0	3.5	13.
4.0	24.9	1680.1	825.0	17.0	13.8	213.3	21.3	11.7	17.8	306.6	339.9	12.1	81.2	4.6	17.
4.7	27.4	1942.4	800.0	15.1	11.9	217.0	21.3	12.8	17.0	307.3	337.9	11.1	81.2	5.5	21.
5.6	30.0	2211.7	775.0	13.6	10.2	219.7	21.4	13.7	16.5	308.4	336.8	10.2	79.8	6.6	24.
6.4	32.7	2487.9	750.0	11.5	8.3	222.3	21.1	14.2	15.6	309.1	335.1	9.3	80.9	7.6	26.
7.3	35.3	2770.9	725.0	9.0	7.6	221.9	20.8	13.9	15.5	309.3	335.0	9.1	91.0	8.6	28.
8.2	38.0	3061.1	700.0	6.6	6.1	221.3	21.2	14.0	15.9	309.8	333.9	8.5	96.6	9.7	30.
9.2	40.7	3360.7	675.0	8.0	-7.8	219.5	21.6	13.7	16.6	310.6	325.3	3.6	35.7	11.0	31.
10.2	43.5	3670.9	650.0	5.9	-13.2	217.2	19.9	12.0	15.8	315.7	322.3	2.1	23.7	12.2	32.
11.1	46.3	3990.2	625.0	3.0	-15.2	214.7	20.3	11.6	16.7	315.9	321.9	1.9	24.9	13.6	32.
12.3	49.3	4319.1	600.0	0.3	-20.1	211.4	21.7	11.3	18.5	316.5	320.7	1.3	19.8	14.7	32.
13.4	52.2	4658.6	575.0	-2.2	-28.0	205.8	22.7	9.9	20.4	317.4	319.7	0.7	11.8	16.3	32.
14.6	55.3	5010.3	550.0	-3.6	-28.1	205.6	23.7	10.3	21.4	319.8	322.1	0.7	12.9	17.9	31.
15.6	58.4	5376.6	525.0	-5.9	-28.9	210.1	25.9	13.0	22.4	321.3	323.6	0.7	14.2	19.4	31.
16.7	61.5	5756.8	500.0	-8.6	-29.4	214.5	26.2	14.8	21.5	322.6	324.9	0.7	16.6	21.1	31.
17.9	64.8	6152.5	475.0	-11.0	-33.5	221.6	22.7	15.1	17.0	324.4	326.0	0.5	13.5	23.0	32.
19.2	68.1	6565.2	450.0	-14.1	-36.3	215.8	24.2	14.1	19.6	325.5	326.9	0.4	13.1	24.7	32.
20.4	71.6	6996.9	425.0	-17.2	-37.7	207.1	22.2	10.1	19.8	327.8	328.0	0.3	12.0	26.3	32.
21.8	75.1	7448.1	400.0	-20.4	-42.2	204.0	26.0	10.6	23.8	328.2	329.0	0.2	12.3	28.2	32.
23.0	78.7	7921.7	375.0	-24.7	-45.2	208.8	25.1	12.1	22.0	329.0	329.6	0.2	12.7	30.2	31.
24.3	82.6	8420.1	350.0	-28.5	-48.1	211.4	20.8	10.9	17.8	330.3	330.8	0.1	13.1	32.3	31.
25.8	86.5	8947.5	325.0	-31.9	-50.7	212.4	19.3	10.3	16.3	332.8	333.2	0.1	13.4	33.7	31.
27.2	90.7	9507.7	300.0	-36.8	-54.4	212.5	20.5	11.0	17.3	333.6	333.9	0.1	13.9	35.4	31.
28.5	95.0	10103.4	275.0	-41.9	99.9	216.0	18.4	11.8	14.9	334.6	999.9	99.9	999.9	37.0	31.
30.0	99.7	10741.2	250.0	-47.5	99.9	222.1	18.2	12.2	13.5	335.4	999.9	99.9	999.9	38.5	32.
31.5	104.6	11430.0	225.0	-52.3	99.9	218.8	21.9	13.7	17.0	338.4	999.9	99.9	999.9	40.2	32.
32.9	110.0	12178.8	200.0	-59.7	99.9	219.6	23.0	14.7	17.8	338.3	999.9	99.9	999.9	42.2	32.
34.5	115.8	13038.9	175.0	-62.2	99.9	217.8	18.8	11.5	14.8	347.3	999.9	99.9	999.9	44.2	33.
36.2	122.0	13952.7	150.0	-65.5	99.9	999.9	99.9	99.9	99.9	357.3	999.9	99.9	999.9	999.9	999.
38.5	129.0	15053.9	125.0	-67.9	99.9	999.9	99.9	99.9	99.9	372.0	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 36
SEILING, OKLAMOMA

9 MAY 1979
1705 GMT

127 98. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.9	589.0	936.4	23.7	19.2	180.0	5.1	0.0	5.1	302.7	343.4	15.2	78.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	13.8	677.4	925.0	21.7	19.5	69.8	6.1	-5.8	-2.1	301.6	343.2	15.7	87.1	0.9	9.
1.1	16.3	915.3	900.0	19.4	18.0	153.7	8.7	-3.8	7.8	301.5	340.5	14.6	91.8	0.9	358.
2.0	19.7	1157.9	875.0	17.3	17.0	196.0	13.3	3.2	12.9	301.8	339.5	14.1	98.3	1.7	2.
2.9	21.3	1405.7	850.0	15.5	15.4	207.8	13.6	6.3	12.0	302.4	337.5	13.1	99.4	2.3	8.
3.7	23.8	1659.5	825.0	14.5	14.4	217.2	14.4	8.7	11.4	304.0	338.3	12.7	99.3	3.0	14.
4.5	26.3	1920.2	800.0	13.2	13.1	223.3	14.3	9.8	10.4	305.3	338.0	12.0	99.3	3.6	18.
5.5	29.9	2187.3	775.0	10.9	9.1	223.0	12.5	8.5	9.1	305.6	331.7	9.4	88.4	4.3	23.
6.5	31.5	2463.1	750.0	9.4	-2.0	202.8	12.0	4.5	11.2	306.8	319.7	4.4	45.3	5.0	25.
7.6	34.2	2742.9	725.0	11.9	-9.0	200.6	16.4	5.8	15.3	312.6	320.9	2.7	22.6	5.8	24.
8.6	36.9	3035.9	700.0	11.2	-17.5	205.1	20.8	8.8	18.8	314.9	319.4	1.4	11.6	7.0	24.
9.5	39.7	3338.6	675.0	10.0	-19.6	202.3	23.8	9.8	22.0	316.8	320.7	1.2	10.5	8.3	24.
10.6	42.5	3651.5	650.0	7.4	-21.1	196.9	22.5	6.6	21.5	317.3	320.9	1.1	11.0	9.9	23.
12.0	45.4	3971.6	625.0	5.4	-21.0	196.2	22.2	6.2	21.3	318.6	322.4	1.1	12.8	11.8	22.
13.2	48.3	4323.9	600.0	3.2	-21.7	195.2	21.3	5.8	20.6	319.8	323.6	1.1	14.8	13.3	21.
14.5	51.3	4646.6	575.0	-0.0	-22.2	193.1	21.7	4.9	21.2	320.0	323.7	1.1	16.9	14.8	21.
15.6	54.4	5000.1	550.0	-3.6	-23.2	189.1	22.1	3.5	21.8	319.8	323.3	1.1	20.1	16.4	20.
16.8	57.5	5365.4	525.0	-6.8	-25.3	188.4	23.6	3.4	23.3	320.3	323.4	0.9	21.1	18.0	19.
18.0	60.6	5744.5	500.0	-9.0	-30.5	193.0	23.3	5.2	22.7	322.1	324.2	0.6	15.4	19.6	18.
19.3	63.9	6139.1	475.0	-12.2	-28.9	196.7	23.0	6.6	22.0	322.9	325.5	0.7	23.3	21.4	18.
20.7	67.3	6549.9	450.0	-15.6	-26.9	197.1	21.8	6.4	20.8	323.7	326.9	0.9	37.2	23.3	18.
22.2	70.7	6978.0	425.0	-19.4	-27.0	199.2	20.9	6.9	19.7	324.1	327.4	1.0	50.8	25.1	18.
23.7	74.3	7425.1	400.0	-23.0	-33.3	203.7	23.8	9.6	21.8	325.1	327.1	0.6	38.4	27.1	18.
25.3	78.0	7895.9	375.0	-25.3	-39.7	206.5	27.0	12.1	24.2	326.1	329.2	0.3	24.5	29.6	19.
27.3	82.0	8392.6	350.0	-29.2	-42.6	206.4	29.5	13.2	26.5	329.4	330.4	0.3	26.2	32.9	19.
29.0	85.8	8918.3	325.0	-32.8	-45.0	212.2	27.8	14.8	23.5	331.5	332.3	0.2	27.9	35.8	20.
31.1	90.2	9476.7	300.0	-37.6	-50.2	217.4	26.2	15.9	20.8	332.3	332.8	0.1	25.1	38.8	21.
33.0	94.5	10070.7	275.0	-42.6	99.9	220.4	27.4	17.9	20.8	333.6	999.9	99.9	999.9	41.9	23.
35.2	99.2	10706.7	250.0	-47.9	99.9	220.8	27.3	17.8	20.6	334.8	999.9	99.9	999.9	45.3	24.
37.5	104.2	11391.8	225.0	-54.2	99.9	221.5	28.1	18.6	21.1	335.5	999.9	99.9	999.9	49.0	25.
40.1	109.4	12136.8	200.0	-59.6	99.9	227.2	31.6	23.2	21.5	338.4	999.9	99.9	999.9	53.3	27.
42.9	115.3	12965.1	175.0	-62.0	99.9	227.6	34.5	25.5	23.3	347.6	999.9	99.9	999.9	58.5	29.
45.8	121.5	13928.2	150.0	-58.6	99.9	213.1	33.6	18.3	28.1	369.1	999.9	99.9	999.9	64.4	30.
48.5	128.7	15064.2	125.0	-60.6	99.9	218.4	27.1	16.8	21.2	385.2	999.9	99.9	999.9	71.0	31.
53.6	136.5	16454.8	100.0	-61.1	99.9	999.9	99.9	99.9	99.9	409.7	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 36
SEILING, OKLAMOMA

9 MAY 1979
2005 GMT

126 99. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.0	589.0	934.0	26.3	18.7	180.0	3.1	0.0	3.1	305.4	345.2	14.7	63.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	14.5	674.1	925.0	23.3	17.2	999.9	99.9	99.9	99.9	303.2	339.6	13.5	68.6	999.9	999.
1.3	17.0	913.2	900.0	21.2	16.2	999.9	99.9	99.9	99.9	303.4	343.1	14.8	82.7	999.9	999.
2.3	19.5	1157.4	875.0	18.7	16.9	999.9	99.9	99.9	99.9	303.3	341.0	14.0	88.9	999.9	999.
3.2	22.0	1406.4	850.0	17.2	15.5	999.9	99.9	99.9	99.9	304.2	340.0	13.2	90.1	999.9	999.
4.2	24.5	1661.9	825.0	15.4	13.6	999.9	99.9	99.9	99.9	304.9	337.5	12.0	88.9	999.9	999.
5.3	27.1	1923.0	800.0	13.7	11.5	999.9	99.9	99.9	99.9	305.7	335.3	10.8	86.9	999.9	999.
6.5	29.7	2191.1	775.0	12.0	9.5	999.9	99.9	99.9	99.9	306.7	333.7	9.7	84.9	999.9	999.
7.5	32.3	2466.2	750.0	12.4	3.3	999.9	99.9	99.9	99.9	310.0	328.5	6.4	53.4	999.9	999.
8.4	35.1	2751.1	725.0	13.0	-3.4	999.9	99.9	99.9	99.9	313.8	326.1	4.1	31.7	999.9	999.
9.2	37.8	3045.6	700.0	12.1	-11.5	999.9	99.9	99.9	99.9	315.[illegible]	323.0	2.3	18.0	999.9	999.
10.1	40.6	3 [illegible]	675.0	10.7	-12.5	999.9	99.9	99.9	99.9	317.7	324.5	2.2	18.1	999.9	999.
11.2	43.6	3661.9	650.0	8.0	-14.8	999.9	99.9	99.9	99.9	318.0	324.0	1.9	18.0	999.9	999.
12.3	46.3	3993.5	625.0	5.0	-17.2	999.9	99.9	99.9	99.9	318.1	323.3	1.6	18.2	999.9	999.
13.5	49.3	4334.4	600.0	2.1	-19.4	999.9	99.9	99.9	99.9	318.6	323.0	1.4	18.4	999.9	999.
14.9	52.3	4685.6	575.0	-0.9	-21.8	999.9	99.9	99.9	99.9	318.9	322.7	1.2	18.7	999.9	999.
16.0	55.4	5044.5	550.0	-3.7	-24.3	999.9	99.9	99.9	99.9	319.7	323.0	1.0	18.9	999.9	999.
17.2	58.5	5373.6	525.0	-7.0	-26.4	999.9	99.9	99.9	99.9	320.1	322.9	0.8	19.3	999.9	999.
18.6	61.9	5751.5	500.0	-10.7	-28.7	999.9	99.9	99.9	99.9	320.8	322.6	0.7	21.1	999.9	999.
19.8	65.0	6144.0	475.0	-12.9	-31.8	999.9	99.9	99.9	99.9	322.0	324.0	0.6	18.6	999.9	999.
21.3	69.4	6558.6	450.0	-15.9	-33.8	999.9	99.9	99.9	99.9	323.2	324.9	0.5	19.8	999.9	999.
22.2	71.9	6782.4	425.0	-19.1	-34.7	999.9	99.9	99.9	99.9	326.5	326.1	0.5	23.5	999.9	999.
23.7	75.4	7431.3	400.0	-22.3	-36.7	999.9	99.9	99.9	99.9	326.1	327.3	0.3	20.7	999.9	999.
25.4	79.3	7901.3	375.0	-24.3	-38.6	999.9	99.9	99.9	99.9	326.7	328.0	0.4	30.1	31.6	18.
27.4	83.1	8390.8	350.0	-29.8	-41.6	218.9	28.0	17.6	21.8	328.6	329.7	0.3	30.2	34.5	20.
29.4	87.0	8823.7	325.0	-33.4	-46.2	221.3	26.3	17.3	19.7	330.6	331.3	0.2	26.0	37.6	22.
31.5	91.2	9477.5	300.0	-37.7	-50.1	220.1	27.6	17.8	21.1	332.2	332.7	0.1	25.9	43.8	23.
33.9	95.4	10070.6	275.0	-42.9	99.9	219.7	28.6	18.3	22.0	333.1	999.9	99.9	999.9	44.2	25.
36.0	100.4	10706.9	250.0	-48.0	99.9	221.1	32.9	21.6	24.8	334.7	999.9	99.9	999.9	48.7	26.
38.4	105.4	11392.4	225.0	-54.5	99.9	226.9	28.7	21.0	19.6	335.9	999.9	99.9	999.9	52.6	27.
40.7	110.9	12137.4	200.0	-59.7	99.9	233.8	28.5	23.0	18.9	338.1	999.9	99.9	999.9	56.4	29.
43.5	116.5	12962.9	175.0	-64.9	99.9	230.2	30.0	23.0	19.2	342.8	999.9	99.9	999.9	61.1	31.
46.7	122.9	13923.2	150.0	-59.3	99.9	217.7	30.2	18.4	23.9	369.7	999.9	99.9	999.9	66.6	32.
51.4	129.8	15366.6	125.0	-59.7	99.9	217.5	28.9	17.6	22.9	386.9	999.9	99.9	999.9	75.0	33.
57.1	137.7	16453.6	100.0	-62.5	99.9	999.9	99.9	99.9	99.9	407.0	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 36
SEILING, OKLAHOMA

9 MAY 1979
2305 GMT

124 89. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.5	589.0	932.0	24.2	18.6	180.0	12.9	0.0	12.9	303.4	342.8	14.7	71.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	14.2	655.1	925.0	23.0	17.3	154.2	9.9	-4.3	8.9	302.9	339.3	13.6	78.1	0.2	330.
1.6	16.6	893.3	900.0	19.9	15.9	151.0	16.4	-8.0	14.3	302.0	336.3	12.8	78.0	1.0	331.
2.4	19.0	1136.1	875.0	17.9	16.2	153.8	15.1	-6.7	13.6	332.4	338.4	13.4	90.8	1.8	331.
3.4	21.5	1384.5	850.0	16.4	14.0	158.6	15.7	-5.7	14.6	303.4	335.7	11.9	85.3	2.7	333.
4.2	24.0	1638.3	825.0	15.2	12.9	161.8	15.6	-4.9	14.8	304.7	335.9	11.4	85.8	3.5	335.
5.2	26.5	1899.5	800.0	12.9	11.0	167.9	14.7	-3.1	14.3	304.9	333.5	10.4	88.2	4.3	336.
6.0	29.1	2166.4	775.0	11.9	9.5	183.7	15.2	1.0	15.2	306.6	333.6	9.7	85.3	5.1	339.
7.0	31.7	2441.5	750.0	11.8	5.7	199.9	14.7	5.0	13.8	309.4	331.4	7.7	66.5	5.8	344.
7.9	34.3	2726.1	725.0	12.1	-0.6	202.3	18.2	6.9	16.8	312.6	327.7	5.1	41.3	6.5	349.
8.9	37.0	3019.5	700.0	12.9	-7.0	196.2	23.1	6.4	22.2	316.8	326.7	3.2	24.3	7.6	353.
9.8	39.7	3323.9	675.0	10.4	-11.9	195.7	25.6	6.9	24.6	317.3	324.5	2.3	19.5	8.8	357.
10.7	42.4	3636.4	650.0	8.1	-13.1	195.4	27.1	7.2	26.1	318.1	324.9	2.2	21.0	10.2	359.
11.7	45.2	3956.1	625.0	6.9	-14.0	194.2	29.1	7.1	28.3	318.1	324.7	2.1	23.9	11.7	1.
12.6	48.0	4284.3	600.0	2.3	-16.9	195.3	28.2	7.5	27.2	318.8	324.2	1.7	22.8	13.3	3.
13.6	50.9	4631.1	575.0	-0.6	-19.5	197.7	26.4	8.0	25.1	319.4	324.0	1.4	22.2	14.9	4.
14.9	53.9	4996.3	550.0	-3.6	-22.8	198.3	26.9	8.5	25.6	319.8	323.9	1.1	20.8	16.8	4.
16.3	57.0	5349.2	525.0	-6.0	-27.6	195.9	30.1	8.2	28.9	321.2	323.7	0.7	16.1	19.2	7.
17.4	60.1	5729.4	500.0	-8.8	-29.8	196.1	30.8	8.6	29.6	322.3	324.5	0.6	16.4	21.4	8.
18.6	63.4	6125.0	475.0	-11.6	-31.9	200.5	28.4	9.9	26.6	323.6	325.5	0.5	16.6	23.4	9.
19.8	66.6	6536.9	450.0	-14.4	-25.3	200.8	31.6	11.3	29.6	325.1	327.9	0.8	29.5	25.4	10.
20.9	70.0	6967.3	425.0	-17.7	-27.4	202.8	31.1	12.1	28.7	326.3	329.0	0.8	34.8	27.5	11.
22.0	73.6	7417.7	400.0	-21.9	-29.5	206.9	29.9	13.5	26.7	326.6	329.4	0.8	49.9	29.5	12.
23.2	77.1	7889.6	375.0	-25.1	-33.8	210.8	31.7	16.3	27.2	328.4	330.4	0.6	43.9	31.7	13.
24.6	80.9	8387.9	350.0	-28.0	-40.0	217.9	31.2	19.2	24.6	331.1	332.3	0.3	30.3	34.1	15.
26.4	84.8	8916.3	325.0	-31.9	-45.6	218.0	33.1	20.4	26.1	332.8	333.5	0.2	24.1	37.3	17.
28.2	89.0	9477.6	300.0	-35.9	-48.0	221.1	29.9	19.7	22.5	334.8	335.4	0.2	27.1	40.4	19.
29.9	93.0	10076.5	275.0	-40.6	99.9	218.5	33.1	20.6	25.9	336.5	999.9	99.9	999.9	43.6	20.
31.7	97.5	10719.6	250.0	-45.3	99.9	217.7	32.1	19.6	25.4	338.8	999.9	99.9	999.9	46.8	22.
33.7	102.2	11414.9	225.0	-50.1	99.9	223.8	33.4	22.7	24.4	341.7	999.9	99.9	999.9	50.4	23.
35.7	107.4	12176.3	200.0	-55.1	99.9	234.9	36.1	29.5	28.7	345.5	999.9	99.9	999.9	54.2	25.
37.7	112.8	13019.9	175.0	-60.2	99.9	246.9	41.8	37.7	18.1	350.6	999.9	99.9	999.9	58.0	28.
39.8	118.8	13973.1	150.0	-62.8	99.9	233.8	48.7	32.8	24.8	361.9	999.9	99.9	999.9	62.4	31.
42.9	125.3	15092.7	125.0	-62.4	99.9	218.2	36.2	22.4	28.5	382.8	999.9	99.9	999.9	69.8	32.
47.1	132.7	16479.6	100.0	-62.0	99.9	999.9	99.9	99.9	99.9	407.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 36
SEILING, OKLAHOMA

18 MAY 1979
2300 GMT

72 320. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR STD GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.3	589.0	931.5	22.5	17.0	180.0	18.0	0.0	18.0	331.7	337.1	13.2	71.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	13.9	859.1	925.0	21.7	17.8	999.9	99.9	99.9	99.9	331.5	339.1	14.1	79.7	999.9	999.
1.4	14.3	884.3	900.0	20.1	18.0	999.9	99.9	99.9	99.9	302.2	341.3	14.6	85.1	999.9	999.
2.6	18.7	1131.5	875.3	18.1	17.1	999.9	99.9	99.9	99.9	332.6	340.6	14.2	93.9	999.9	999.
3.9	21.3	1380.1	850.0	16.6	15.5	999.9	99.9	99.9	99.9	333.4	339.9	13.2	94.6	0.5	330.
6.7	23.7	1638.1	825.0	14.1	13.3	167.7	24.6	-5.2	24.0	333.6	335.4	11.7	94.5	6.1	338.
6.1	26.2	1898.6	800.0	13.2	12.3	171.8	22.7	-3.2	22.6	335.3	336.6	11.4	96.6	7.7	340.
7.2	28.7	2161.9	775.0	11.9	11.0	180.6	23.2	0.2	23.2	336.6	338.3	10.8	96.2	9.3	343.
8.5	31.2	2430.4	750.0	9.8	7.7	191.9	23.7	4.9	23.2	337.3	337.2	8.9	87.0	10.9	346.
9.7	33.6	2719.8	725.0	12.3	3.1	196.1	23.4*	6.5	22.5	343.0	332.2	6.6	53.3	12.5	350.
11.1	36.1	3013.3	700.0	10.3	2.1	203.5	21.7*	8.6	19.9	343.9	332.6	6.4	57.0	14.1	354.
12.7	38.8	3315.9	675.0	10.1	-13.8	211.7	19.7*	10.4	16.8	347.0	329.6	2.1	18.4	15.8	359.
14.4	41.4	3628.9	650.0	8.9	-44.5	207.7	14.7*	9.2	17.4	349.3	319.5	0.1	1.0	17.4	2.
16.1	44.1	3951.1	625.0	6.1	-46.2	196.1	36.7*	10.2	35.3	319.4	319.8	0.1	1.0	19.8	4.
17.6	46.7	4282.9	600.0	2.5	-46.5	194.7	30.4*	10.2	28.6	319.5	319.4	0.1	1.3	23.5	6.
19.2	49.4	4625.0	575.0	-0.2	-21.2	204.9	27.4*	11.6	24.9	319.7	324.0	1.3	20.0	25.9	7.
21.0	52.9	4978.9	550.0	-2.9	-31.1	205.9	29.8*	13.0	26.8	320.7	322.5	0.5	9.2	27.9	9.
22.9	55.8	5345.7	525.0	-5.2	-52.5	209.1	29.5*	13.9	26.0	322.2	322.4	0.1	1.1	32.0	11.
24.3	58.3	5726.3	500.0	-8.4	-55.2	204.4	35.5*	14.7	32.3	322.9	323.0	0.0	1.0	34.5	12.
25.9	62.0	6121.3	475.0	-12.2	-57.7	204.7	34.7*	14.5	31.5	322.8	322.9	0.0	1.0	37.3	13.
27.5	65.3	6531.8	450.0	-15.1	-59.9	202.2	37.9*	14.3	35.1	323.5	323.6	0.0	1.0	41.4	14.
29.3	69.4	6961.7	425.0	-18.7	-35.2	208.3	34.1*	16.2	30.0	325.0	327.7	0.5	22.7	45.3	15.
31.9	72.3	7406.9	400.0	-22.8	-25.7	210.0	36.7*	18.4	31.8	325.4	329.3	1.2	76.5	48.3	16.
32.9	75.7	7870.5	375.0	-25.8	-28.6	212.9	34.9*	18.9	29.3	327.5	333.8	1.0	77.4	52.4	17.
36.7	79.3	8377.9	350.0	-28.2	-32.5	999.9	99.9*	99.9	99.9	330.8	333.3	0.7	65.7	61.3	19.
39.3	83.2	8906.5	325.0	-31.0	-34.5	999.9	99.9	99.9	99.9	334.0	336.2	0.6	68.8	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 36
SEILING, OKLAHOMA

10 MAY 1979
505 GMT

122 107. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.8	589.0	933.0	22.0	19.0	180.0	10.3	0.0	10.3	301.1	341.0	15.0	83.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	13.5	663.7	925.0	19.5	16.6	159.6	17.1	-5.9	16.0	299.3	333.7	13.0	83.0	0.5	346.
1.4	16.0	899.7	900.0	17.5	16.2	163.9	19.8	-5.5	19.0	299.5	334.1	13.0	92.4	1.5	343.
2.1	18.4	1141.1	875.0	16.5	15.6	167.5	22.5	-4.9	22.0	300.9	335.3	12.9	94.4	2.4	344.
2.8	20.8	1389.5	850.0	15.7	14.8	172.7	23.4	-3.0	23.2	302.6	336.6	12.8	94.4	3.4	346.
3.6	23.3	1642.5	825.0	14.6	13.7	178.8	24.5	-0.5	24.5	304.0	336.9	12.1	94.6	4.5	348.
4.5	25.9	1902.8	800.0	13.3	12.4	186.7	25.7	3.0	25.5	305.3	336.7	11.5	94.7	5.8	351.
5.4	28.4	2170.9	775.0	13.5	7.2	204.6	22.7	9.4	20.6	308.3	332.9	8.8	70.6	7.1	356.
6.9	31.1	2448.3	750.0	15.0	-4.8	216.3	19.3	11.5	15.6	312.8	323.6	3.6	25.2	8.5	3.
8.1	33.8	2734.0	725.0	12.6	-5.4	216.4	20.8	12.4	16.7	313.3	323.9	3.5	28.1	9.8	8.
9.2	36.4	3027.2	700.0	10.3	-4.9	225.4	21.4	15.2	15.0	313.9	325.4	3.8	34.0	11.0	12.
10.4	39.2	3328.5	675.0	7.8	-14.9	229.1	21.9	16.6	14.3	314.3	320.0	1.8	18.4	12.2	16.
11.5	42.0	3633.1	650.0	6.0	-26.5	220.3	25.2	16.3	19.2	315.7	318.0	0.7	7.5	13.6	19.
12.6	44.8	3957.4	625.0	3.3	-26.6	211.0	23.2	11.9	19.9	316.2	319.5	0.7	8.9	15.1	21.
13.7	47.7	4286.5	600.0	0.5	-25.9	206.7	24.3	10.9	21.7	316.7	319.3	0.8	11.7	16.6	22.
14.8	50.6	4626.5	575.0	-1.7	-26.1	205.7	23.9	10.4	21.5	318.0	320.7	0.8	13.5	18.3	22.
16.6	53.6	4978.4	550.0	-4.2	-43.0	203.1	28.6	11.2	26.3	319.1	319.7	0.2	3.1	21.1	22.
18.4	56.6	5343.1	525.0	-6.9	-29.8	204.4	24.7	10.2	22.5	320.2	322.3	0.6	14.2	24.1	22.
20.3	59.9	5721.8	500.0	-10.0	-36.2	210.3	27.1	13.6	23.4	320.9	322.1	0.3	9.6	27.0	23.
22.3	63.1	6115.0	475.0	-13.4	-43.9	211.7	34.2*	17.9	29.1	321.6	322.1	0.2	6.2	30.2	24.
24.2	66.4	6524.6	450.0	-15.6	-[illegible].7	216.9	33.4*	20.0	26.7	323.7	324.8	0.3	11.9	34.7	25.
26.0	69.9	6954.1	425.0	-18.0	-36.3	219.1	33.0*	20.8	25.6	325.9	327.4	0.4	16.2	38.0	26.
28.0	73.3	7405.4	400.0	-20.7	-46.2	214.2	27.3*	15.3	22.5	328.1	328.7	0.2	8.4	41.2	27.
29.9	77.0	7878.6	375.0	-24.8	-32.9	208.7	29.0*	13.9	25.4	328.*	331.0	0.6	46.4	44.5	27.
31.5	80.8	8377.8	350.0	-28.2	-33.3	209.4	33.4*	16.4	29.1	330.7	333.0	0.6	61.2	47.5	28.
33.3	84.9	8906.1	325.0	-31.7	-35.6	216.5	29.8*	17.7	23.9	333.1	335.1	0.6	67.7	51.0	28.
35.3	89.0	9464.7	300.0	-35.4	-39.2	224.6	38.5*	27.1	27.4	335.5	337.0	0.4	67.5	54.5	29.
36.7	93.2	10068.7	275.0	-39.8	99.9	241.7	32.4*	28.5	15.3	337.6	999.9	99.9	999.9	57.7	30.
39.2	98.0	10712.3	250.0	-45.3	99.9	275.6	29.3*	29.2	-2.8	338.7	999.9	99.9	999.9	60.2	33.
41.4	102.8	11436.5	225.0	-51.3	99.9	267.0	27.5*	27.5	1.5	339.8	999.9	99.9	999.9	62.0	36.
44.2	108.2	12160.5	200.0	-58.0	99.9	257.5	30.1*	29.4	6.5	340.9	999.9	99.9	999.9	65.5	39.
46.8	114.0	12987.8	175.0	-64.9	99.9	249.4	27.4*	25.6	9.6	342.8	999.9	99.9	999.9	69.3	41.
50.5	120.3	13915.5	150.0	-70.4	99.9	227.5	25.9*	19.1	17.5	348.9	999.9	99.9	999.9	73.9	42.
56.9	127.3	15018.2	125.0	-64.1	99.9	999.9	99.9*	99.9	99.9	378.9	999.9	99.9	999.9	85.5	41.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 37
SHAMROCK, TEXAS

9 MAY 1979
1143 GMT

113 99. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.8	721.0	918.5	19.5	16.9	140.0	6.8	-4.4	5.2	299.9	335.3	13.4	85.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	15.2	896.5	900.0	18.3	17.2	149.1	11.4	-5.9	9.8	300.3	337.3	13.9	93.6	1.2	335.
1.3	17.5	1138.8	875.0	18.3	17.2	174.0	14.6	-1.5	14.5	302.8	341.2	14.3	93.3	1.7	336.
2.0	19.3	1358.1	850.0	17.6	16.3	189.9	18.5	3.2	18.3	304.6	342.3	13.9	92.3	2.5	345.
2.9	22.1	1644.1	825.0	16.8	15.1	200.5	19.8	6.9	18.5	306.4	342.7	13.3	89.8	3.4	354.
3.8	24.5	1906.7	800.0	14.9	12.3	210.5	17.3	8.8	14.9	307.1	338.4	11.8	84.5	4.4	1.
4.7	26.9	2173.3	775.0	16.4	-0.5	225.5	13.6	9.7	9.5	311.5	325.9	6.9	32.9	4.9	6.
5.5	29.3	2454.8	750.0	15.6	-2.5	219.8	13.8	8.8	10.6	313.3	326.0	6.2	29.8	5.5	11.
6.5	31.8	2743.9	725.0	13.0	-2.6	206.4	14.1	6.2	12.6	313.7	326.9	6.6	34.4	6.2	14.
7.5	34.3	3035.3	700.0	12.5	-11.8	196.2	18.9	5.3	18.1	316.4	323.3	2.2	17.1	7.2	15.
8.6	36.9	3339.0	675.0	10.7	-16.2	195.8	21.4	5.8	20.6	317.7	322.8	1.6	13.3	8.6	15.
9.4	39.4	3651.8	650.0	8.3	-17.5	196.6	22.2	5.6	21.5	318.4	323.2	1.5	14.1	10.3	15.
11.2	42.1	3973.7	625.0	5.5	-17.7	189.9	20.9	3.6	20.6	318.8	323.7	1.5	16.8	11.9	15.
12.4	44.9	4305.4	600.0	2.4	-19.3	186.3	20.3	2.2	20.1	318.3	323.4	1.4	15.2	13.4	14.
13.5	47.5	4647.1	575.0	-0.8	-19.2	182.2	21.1	0.8	22.1	319.3	323.8	1.5	23.3	14.9	13.
14.8	50.3	4999.4	550.0	-4.1	-18.7	180.8	19.4	0.3	19.4	319.2	324.3	1.6	31.0	16.3	12.
16.1	53.3	5365.5	525.0	-5.7	-23.2	178.6	20.9	-0.5	20.9	321.6	325.6	1.1	23.8	17.9	11.
17.5	56.2	5745.5	500.0	-9.1	-21.9	181.2	21.1	0.4	21.1	321.9	326.3	1.3	34.6	19.5	10.
18.9	59.2	6139.8	475.0	-12.4	-23.2	183.5	21.3	1.3	21.3	322.6	326.7	1.2	39.8	21.3	9.
20.3	62.3	6550.5	450.0	-15.8	-25.0	185.6	20.6	2.0	20.5	323.3	327.1	1.1	45.0	23.1	9.
21.9	65.5	6978.6	425.0	-19.5	-26.1	189.6	20.9	3.5	20.6	324.0	327.6	1.1	55.3	25.1	9.
23.6	69.0	7425.8	400.0	-23.5	-28.8	194.7	23.7	6.0	23.0	324.5	327.5	0.9	61.4	27.2	9.
25.4	72.1	7896.6	375.0	-25.2	-40.9	201.6	24.7	9.1	22.9	328.3	329.3	0.3	21.2	30.0	10.
27.4	75.7	8394.0	350.0	-29.0	-41.7	196.1	23.1	6.4	22.2	329.7	330.7	0.3	28.0	32.7	11.
29.3	79.3	8921.4	325.0	-33.4	-46.4	197.2	22.6	6.7	21.6	330.7	331.4	0.2	25.4	35.4	11.
31.7	83.1	9476.5	300.0	-38.0	-51.9	201.6	23.3	8.6	21.6	331.9	332.3	0.1	21.4	38.6	12.
34.0	87.2	10062.1	275.0	-43.2	99.9	205.0	24.4	10.3	22.2	332.7	999.9	99.9	999.9	41.7	13.
36.3	91.3	10704.5	250.0	-48.4	99.9	201.7	26.3	9.7	24.4	334.1	999.9	99.9	999.9	45.2	14.
38.9	95.9	11389.1	225.0	-53.6	99.9	202.6	29.5	11.4	27.3	336.4	999.9	99.9	999.9	49.3	14.
41.7	100.6	12137.2	200.0	-58.9	99.9	208.3	28.4	13.5	25.0	339.	999.9	99.9	999.9	54.4	15.
44.5	105.8	12967.0	175.0	-62.0	99.9	207.5	31.1	14.3	27.6	347	999.9	99.9	999.9	59.0	16.
47.6	111.4	13930.0	150.0	-59.2	99.9	203.2	25.1	9.9	23.1	368 .	999.9	99.9	999.9	64.3	17.
51.3	117.5	15068.2	125.0	-61.8	99.9	204.1	24.2	11.8	21.1	383.0	999.9	99.9	999.9	69.7	18.
55.7	124.7	16441.8	100.0	-62.9	99.9	999.9	99.9	99.9	99.9	-36.2	999.9	99.9	999.9	999.	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 3T
SHAMROCK, TEXAS

9 MAY 1979
1485 GMT

97 196. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E PUT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.7	721.0	919.3	21.0	17.4	140.0	6.7	-4.3	5.1	301.3	338.1	13.8	80.8	0.0	0.
99.9	99.9	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	16.3	905.9	900.0	19.4	18.6	147.0	7.3	-4.0	6.1	301.5	341.9	15.2	94.9	1.2	336.
1.3	18.8	1147.8	875.0	18.4	17.5	171.3	13.8	-2.1	13.7	302.9	342.0	14.6	94.7	1.7	335.
2.1	21.3	1397.5	850.0	16.1	17.2	191.2	16.2	3.2	15.9	305.1	344.9	14.7	94.5	2.4	343.
3.0	23.9	1653.4	825.0	16.4	15.2	203.5	16.1	6.4	14.8	305.9	342.2	13.3	92.6	3.1	353.
3.9	26.3	1915.6	800.0	15.0	13.6	208.2	16.0	7.5	14.1	307.1	341.2	12.4	91.7	3.9	360.
4.7	28.9	2184.1	775.0	12.5	11.1	213.5	13.9	7.7	11.6	307.2	337.1	10.8	91.1	4.5	5.
5.5	31.5	2463.2	750.0	14.0	-6.2	204.3	12.2	5.0	11.1	311.8	321.5	3.2	24.2	5.1	8.
6.4	34.1	2745.4	725.0	13.1	-9.9	190.9	13.3	2.5	13.0	313.9	321.5	2.5	19.0	5.7	9.
7.4	36.9	3039.7	700.0	11.9	-13.2	188.1	15.7	2.2	15.5	315.7	322.0	2.0	15.8	6.5	9.
8.6	39.6	3342.8	675.0	10.4	-16.5	188.5	21.1	3.1	20.9	317.3	322.3	1.6	13.4	7.8	9.
9.8	42.4	3656.1	650.0	9.0	-20.3	186.4	23.2	2.6	23.0	319.2	323.0	1.2	11.6	9.6	9.
11.1	45.3	3978.7	625.0	6.1	-21.8	180.4	22.6	0.2	22.6	319.4	323.0	1.1	11.4	11.3	8.
12.2	48.1	4310.8	600.0	2.8	-20.8	176.7	23.4	-1.4	23.4	319.4	323.4	1.2	15.5	12.9	7.
13.6	51.2	4653.1	575.0	-0.5	-21.7	177.7	23.1	-0.9	23.1	319.4	323.3	1.2	18.2	14.7	6.
14.9	54.3	5006.3	550.0	-3.7	-21.3	175.3	24.0	-2.8	23.9	319.7	323.8	1.3	24.0	16.6	4.
16.2	57.3	5371.7	525.0	-6.4	-26.0	181.7	23.6	0.7	23.6	320.7	323.7	0.9	19.3	18.5	4.
17.6	60.5	5751.4	500.0	-9.0	-26.8	183.7	23.4	1.5	23.3	322.1	324.9	0.9	22.2	20.6	4.
19.2	63.8	6145.8	475.0	-12.6	-23.4	185.8	23.4	2.4	23.3	322.3	326.4	1.2	39.9	22.6	4.
20.6	67.1	6556.0	450.0	-15.9	-24.6	190.0	26.0	4.5	25.6	323.3	327.2	1.1	46.8	24.7	4.
22.1	70.6	6983.9	425.0	-19.7	-27.1	190.5	22.8	4.1	22.4	323.7	327.0	1.0	51.7	26.9	5.
23.8	74.1	7430.6	400.0	-23.4	-30.2	193.3	24.8	5.7	24.1	324.5	327.2	0.8	53.4	29.1	6.
25.4	77.8	7900.0	375.0	-26.2	-36.4	197.7	23.2	7.1	22.1	327.8	328.6	0.4	37.4	31.4	6.
27.3	81.7	8396.1	350.0	-29.5	-39.8	194.7	25.4	6.4	24.5	329.0	330.2	0.3	35.8	34.2	7.
29.3	85.7	8921.1	325.0	-33.4	-46.6	198.1	24.0	7.4	22.8	330.6	331.3	0.2	24.9	37.1	8.
31.7	89.9	9479.0	300.0	-37.9	-54.6	199.9	25.3	8.6	23.7	333.2	333.5	0.1	16.1	40.6	9.
34.0	94.2	10073.7	275.0	-42.6	99.9	204.1	24.0	9.0	22.2	333.5	999.9	99.9	999.9	43.9	10.
36.4	98.8	10709.2	250.0	-48.6	99.9	197.1	24.4	7.2	23.3	333.8	999.9	99.9	999.9	47.3	10.
38.8	103.8	11392.7	225.0	-54.7	99.9	999.9	99.9	99.9	99.9	334.6	999.9	99.9	999.9	51.3	11.
41.3	109.2	12136.3	200.0	-60.0	99.9	999.9	99.9	99.9	99.9	337.8	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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STATION NO. 37
SHAMROCK, TEXAS

9 MAY 1979
1705 GMT

124 98. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.5	721.0	919.7	27.9	17.4	140.0	8.2	-4.0	4.7	308.4	346.3	13.8	53.8	0.0	0.
99.9	99.9	99.9	1000 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	16.1	911.4	930.0	23.1	17.1	155.5	7.2	-3.0	6.6	305.3	342.8	13.8	69.1	1.1	341.
1.5	18.6	1157.2	875.0	21.2	17.0	160.8	8.2	-2.7	7.8	305.8	344.2	14.1	77.3	1.6	340.
2.3	21.1	1408.3	850.0	19.7	17.0	173.3	8.4	-1.0	8.3	306.9	346.4	14.5	84.4	2.0	341.
3.1	23.7	1664.3	825.0	16.8	14.6	184.0	9.9	0.7	9.8	306.3	341.4	12.8	86.9	2.4	344.
3.8	26.2	1927.6	800.0	15.4	13.3	999.9	99.9	99.9	99.9	307.6	342.2	12.6	90.6	999.9	999.
4.5	28.9	2196.2	775.0	12.4	8.7	999.9	99.9	99.9	99.9	307.1	332.8	9.2	78.2	999.9	999.
5.3	31.6	2471.6	750.0	11.9	4.6	999.9	99.9	99.9	99.9	309.5	329.9	7.1	60.9	999.9	999.
6.1	34.1	2754.9	725.0	10.9	-3.9	999.9	99.9	99.9	99.9	311.4	323.2	4.0	35.2	999.9	999.
7.1	36.8	3047.4	700.0	10.7	-12.0	999.9	99.9	99.9	99.9	314.3	321.2	2.2	19.4	5.4	3.
8.1	39.6	3349.8	675.0	10.1	-14.9	185.8	21.1	2.1	20.9	317.0	320.8	1.2	13.2	6.7	3.
9.2	42.3	3662.1	650.0	8.0	-22.2	183.4	22.9	1.4	22.9	318.1	321.3	1.0	9.6	8.1	3.
10.4	45.2	3983.6	625.0	5.2	-24.1	185.5	26.0	2.5	25.9	318.4	321.3	0.9	9.8	9.8	3.
11.4	48.1	4316.6	600.0	2.3	-28.7	189.7	25.5	4.3	25.1	318.8	320.8	0.6	7.9	11.5	4.
12.5	51.1	4657.1	575.0	0.4	-31.5	188.0	23.3	3.3	23.1	320.5	322.1	0.5	6.9	13.1	5.
13.6	54.1	5011.4	550.0	-2.5	-33.2	180.0	23.6	0.0	23.6	321.2	322.6	0.4	7.2	14.6	5.
14.7	57.3	5378.3	525.0	-5.6	-34.8	174.6	24.1	-2.3	24.0	321.7	323.0	0.4	7.8	16.1	6.
15.8	60.5	5758.1	500.0	-9.3	-35.3	175.8	26.3	-1.9	26.3	321.7	323.0	0.4	9.9	17.9	3.
17.1	63.9	6152.6	475.0	-11.9	-32.7	177.5	25.7	-1.1	25.7	323.2	325.0	0.5	16.0	19.8	2.
18.5	67.1	6564.1	450.0	-15.2	-26.7	180.7	26.2	0.3	26.2	324.1	327.4	1.0	36.7	21.9	2.
19.8	70.6	6993.1	425.0	-18.9	-25.9	185.4	26.4	2.5	26.3	324.7	328.4	1.1	53.8	24.0	2.
21.4	74.2	7442.1	400.0	-21.3	-35.7	191.8	26.5	5.4	25.9	327.3	328.9	0.4	25.8	26.5	3.
23.1	77.9	7916.7	375.0	-24.7	-38.8	192.9	28.7	6.4	28.0	329.0	330.2	0.3	25.3	29.3	4.
24.9	81.7	8413.5	350.0	-27.9	-45.2	194.3	29.6	7.3	28.7	331.1	331.8	0.2	17.3	32.4	5.
26.7	85.7	8943.5	325.0	-32.6	-50.9	197.2	27.8	8.2	26.6	331.7	332.2	0.1	14.3	35.4	6.
28.4	89.9	9496.6	300.0	-37.3	-54.9	200.6	26.7	9.4	24.9	332.8	333.0	0.1	13.9	38.3	7.
30.2	94.3	10092.9	275.0	-42.7	99.9	200.0	27.9	9.6	26.2	333.3	999.9	99.9	999.9	41.0	8.
32.1	99.0	10729.1	250.0	-47.9	99.9	198.4	29.8	9.4	28.2	334.9	999.9	99.9	999.9	44.3	9.
34.3	104.0	11414.6	225.0	-54.0	99.9	199.8	31.4	10.6	29.5	335.7	999.9	99.9	999.9	48.3	9.
36.6	109.3	12163.6	200.0	-59.7	99.9	207.2	31.0	14.2	27.6	338.3	999.9	99.9	999.9	52.4	10.
39.9	115.0	12984.9	175.0	-65.0	99.9	212.3	33.2	17.7	28.0	342.3	999.9	99.9	999.9	56.5	12.
41.7	121.3	13938.0	150.0	-58.9	99.9	205.2	31.6	13.4	28.6	348.7	999.9	99.9	999.9	61.8	14.
45.0	128.3	15082.7	125.0	-58.9	99.9	196.0	29.4	8.1	28.2	358.3	999.9	99.9	999.9	68.0	16.
49.0	136.3	16471.9	100.0	-61.4	99.9	999.9	99.9	99.9	99.9	419.2	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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STATION NO. 37
SHAMROCK, TEXAS

9 MAY 1979
2345 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.7	721.0	915.6	26.6	16.5	140.0	13.9	-8.9	10.6	307.4	343.3	13.1	54.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	16.0	873.2	900.0	26.0	18.7	133.1	18.5	-13.5	12.7	308.3	350.3	15.3	64.4	1.0	332.
1.2	19.4	1121.1	875.0	23.2	17.5	137.2	21.5	-14.6	15.8	307.9	348.0	14.6	70.5	1.8	324.
2.1	20.8	1378.2	850.0	21.6	17.6	143.3	21.2	-12.7	17.0	308.7	350.3	15.1	78.3	3.1	323.
3.1	23.2	1632.2	825.0	18.6	16.2	151.6	20.1	-9.6	17.7	308.3	347.4	14.2	85.8	4.2	323.
3.9	25.7	1897.6	800.0	18.1	14.3	164.0	20.5	-5.7	19.7	310.5	346.5	12.9	78.4	5.2	326.
4.9	28.3	2169.5	775.0	16.0	12.1	173.6	20.2	-2.2	20.0	311.0	343.4	11.6	77.8	6.2	330.
5.7	30.8	2447.8	750.0	13.5	10.8	181.2	20.9	0.5	20.9	311.3	342.1	11.0	83.6	7.3	334.
6.7	33.4	2733.3	725.0	11.6	8.7	192.9	20.8	4.6	20.3	312.2	340.1	9.8	82.0	8.3	339.
7.6	36.1	3027.3	700.0	11.1	5.7	201.2	21.6	7.8	20.1	314.8	338.7	8.3	69.4	9.3	344.
8.7	38.8	3330.1	675.0	9.4	0.8	202.4	23.0	8.7	21.3	316.2	334.1	6.1	54.9	10.4	349.
9.8	41.6	3642.3	650.0	7.2	-2.4	205.1	22.9	9.7	20.7	317.1	332.0	4.9	53.3	11.6	353.
11.0	44.4	3964.0	625.0	4.9	-6.8	205.0	26.0	11.0	23.5	318.1	329.4	3.7	42.4	13.2	357.
12.2	47.2	4295.4	600.0	3.3	-16.0	201.8	28.8	10.7	26.7	320.0	325.9	1.8	22.7	14.9	0.
13.6	50.2	4639.5	575.0	1.2	-22.3	194.4	30.8	7.6	29.8	321.4	325.1	1.1	15.3	16.9	2.
14.4	53.1	4995.2	550.0	-1.5	-24.8	189.9	29.1	5.0	28.7	322.3	325.5	0.9	14.9	18.9	4.
15.6	56.1	5363.6	525.0	-4.3	-25.2	185.4	29.2	2.7	29.1	323.2	326.4	0.9	17.8	20.9	4.
17.1	59.3	5745.3	500.0	-8.0	-27.2	187.6	27.1	3.6	26.8	323.3	326.1	0.8	19.8	23.4	4.
19.1	62.6	6141.1	475.0	-11.5	-25.3	192.0	28.0	5.8	27.4	323.8	327.3	1.0	30.6	26.6	5.
20.8	65.9	6553.9	450.0	-14.1	-27.2	198.0	31.8	9.8	30.2	325.6	328.7	0.9	31.8	29.7	6.
22.7	69.3	6985.4	425.0	-17.0	-32.8	202.8	29.5	11.4	27.2	327.1	329.1	0.6	23.8	33.0	7.
24.3	72.7	7437.6	400.0	-19.9	-36.5	204.9	31.4	13.2	28.5	329.1	330.6	0.4	21.1	35.8	9.
25.9	76.4	7913.2	375.0	-23.3	-41.1	206.0	28.0	12.3	25.1	330.8	331.8	0.3	17.5	38.5	10.
27.5	80.3	8416.2	350.0	-27.4	-43.3	206.3	26.4	11.7	23.7	331.9	332.8	0.2	20.2	40.9	11.
29.1	84.2	8942.6	325.0	-32.1	-45.4	205.2	27.5	11.7	24.9	332.4	333.2	0.2	25.1	43.5	12.
31.1	88.3	9501.7	300.0	-36.9	-50.1	206.7	23.7	10.7	21.2	333.3	333.8	0.1	23.6	46.4	13.
33.3	92.7	10099.3	275.0	-41.2	99.9	213.1	26.2	14.3	22.0	335.5	999.9	99.9	999.9	49.4	14.
35.6	97.2	10738.3	250.0	-46.5	99.9	214.2	31.9	17.9	26.4	337.0	999.9	99.9	999.9	53.2	15.
38.2	102.2	11429.0	225.0	-51.9	99.9	221.5	27.6	18.3	20.6	339.0	999.9	99.9	999.9	57.9	17.
41.0	107.4	12184.0	200.0	-56.9	99.9	228.5	29.5	22.1	19.5	342.7	999.9	99.9	999.9	61.9	19.
43.5	113.3	13023.3	175.0	-60.2	99.9	255.9	20.3	19.7	4.9	350.6	999.9	99.9	999.9	63.9	21.
45.9	119.5	13978.4	150.0	-60.7	99.9	211.3	22.9	11.9	19.6	365.5	999.9	99.9	999.9	66.8	22.
48.0	126.7	15101.9	125.0	-63.2	99.9	206.4	24.7	10.9	22.1	380.6	999.9	99.9	999.9	71.8	23.
50.1	134.7	16471.0	100.0	-64.1	99.9	999.9	99.9	99.9	99.9	403.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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STATION NO. 37
SHAMROCK, TEXAS

18 MAY 1979
505 GMT

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TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.0	721.0	919.5	18.8	14.9	270.0	4.1	4.1	0.0	299.1	330.2	11.7	78.6	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	16.8	935.6	900.0	17.9	14.7	278.5	7.9	7.8	-1.2	299.9	331.5	11.8	81.8	0.5	15.
1.3	19.0	1186.2	875.0	15.9	14.6	263.2	8.9	8.8	1.0	300.3	332.6	12.1	91.9	0.7	44.
1.9	21.5	1393.5	850.0	15.1	14.1	245.3	7.8	7.1	3.2	302.0	334.4	12.0	93.6	0.9	54.
2.7	23.9	1646.3	825.0	13.4	12.5	226.7	9.1	6.6	6.2	302.8	332.9	11.1	94.0	1.3	54.
3.9	26.4	1905.9	800.0	12.7	12.0	215.2	11.6	6.7	9.4	304.6	335.0	11.1	95.5	2.1	48.
7.1	29.9	2173.3	775.0	12.1	11.0	209.8	12.6	6.3	10.9	306.8	336.5	10.7	92.8	4.3	39.
7.9	31.5	2468.6	750.0	10.9	9.3	205.0	12.3	5.2	11.2	308.4	336.0	9.9	89.8	4.3	38.
8.4	34.1	2731.2	725.0	9.2	7.6	187.7	12.3	1.7	12.2	309.5	335.2	9.1	89.9	5.3	37.
9.3	36.7	3022.7	700.0	8.6	7.0	999.9	99.9	99.9	99.9	312.0	337.7	9.0	89.7	999.9	999.
9.6	39.4	3323.7	675.0	7.4	5.2	999.9	99.9	99.9	99.9	314.0	337.9	8.3	85.8	999.9	999.
10.4	42.1	3635.6	650.0	7.4	5.6	999.9	99.9	99.9	99.9	317.3	343.1	8.8	88.3	999.9	999.
11.3	44.9	3958.7	625.0	6.0	4.3	999.9	99.9	99.9	99.9	319.4	344.2	8.4	88.7	999.9	999.
99.9	99.9	99.9	600.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	575.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 37
SHAMROCK, TEXAS

10 MAY 1979
805 GMT

622 101. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	14.6	721.0	922.7	10.0	7.3	320.0	4.1	2.6	-3.1	299.8	308.0	7.0	83.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	14.3	928.2	900.0	9.0	7.9	348.0	14.3	3.0	-14.0	290.8	310.5	7.5	92.9	0.3	317.
1.4	19.8	1163.4	875.0	13.2	11.7	317.9	12.6	8.4	-9.3	297.5	324.0	9.9	90.5	0.4	159.
2.3	21.3	1398.6	850.0	13.5	11.7	334.4	11.0	9.0	-6.2	300.3	327.8	10.2	89.0	1.0	140.
3.3	23.9	1634.3	825.0	14.2	10.9	273.6	12.0	12.0	-0.1	303.6	331.0	10.0	80.6	1.6	129.
4.1	26.6	1871.0	800.0	12.3	10.6	254.3	11.1	10.7	3.0	304.3	332.1	10.1	89.1	2.0	116.
4.9	29.0	2107.1	775.0	11.8	8.2	224.4	12.2	8.6	8.8	306.5	331.3	8.9	78.7	2.3	106.
5.9	31.6	2342.0	750.0	11.1	6.4	205.9	14.2	8.2	12.7	308.7	331.6	8.1	72.6	2.6	89.
6.8	34.2	2575.0	725.0	9.3	6.6	207.1	15.8	7.2	14.1	309.7	333.7	8.5	82.7	3.0	78.
7.9	36.9	2808.5	700.0	6.8	5.8	193.4	24.3	5.6	23.6	310.1	333.7	8.3	93.1	3.9	59.
8.9	39.7	3038.1	675.0	5.0	3.1	190.9	27.2	5.2	26.7	311.3	331.7	7.1	87.5	5.0	47.
9.8	42.4	3262.9	650.0	5.0	-4.1	183.9	30.9	2.1	30.8	314.6	327.8	4.4	52.5	6.4	37.
10.9	45.3	3482.5	625.0	3.9	-8.6	178.0	30.4	-1.0	30.3	316.9	326.8	3.2	39.5	8.2	29.
12.0	48.2	4243.7	600.0	2.8	-10.3	179.7	27.8	-0.1	27.8	319.3	328.4	2.9	37.5	9.9	23.
13.1	51.3	4636.8	575.0	0.5	-11.1	182.8	26.5	1.3	26.4	320.6	329.6	2.8	41.2	11.5	20.
14.1	54.3	4991.4	550.0	-2.7	-12.9	176.5	24.0	-1.5	24.0	320.9	329.1	2.6	45.1	13.0	17.
15.4	57.4	5354.8	525.0	-5.4	-16.3	179.5	23.6	-0.2	23.6	321.9	328.6	2.1	43.1	14.8	15.
16.6	60.5	5739.9	500.0	-8.3	-20.7	186.5	24.0	2.7	23.8	322.9	327.8	1.5	36.1	16.4	13.
17.8	63.8	6135.5	475.0	-11.6	-31.3	192.5	24.1	5.2	23.5	323.8	325.6	0.6	17.8	18.1	13.
19.2	67.1	6547.6	450.0	-14.1	-38.6	190.6	25.7	4.7	25.3	325.6	326.7	0.3	10.3	20.1	13.
20.8	70.6	6979.7	425.0	-15.9	-48.6	193.9	27.7	6.7	26.9	328.5	329.0	0.1	6.4	22.7	13.
22.7	74.1	7432.9	400.0	-20.0	-53.7	195.3	30.6	8.1	29.5	329.9	329.3	0.1	3.2	26.0	13.
24.5	77.7	7907.9	375.0	-23.6	-53.0	193.6	29.7	7.0	28.8	330.4	330.6	0.1	4.7	29.4	13.
26.5	81.5	8408.3	350.0	-27.3	-57.3	193.0	29.5	6.7	28.8	331.9	332.1	0.0	3.9	32.9	13.
28.7	85.5	8936.5	325.0	-32.4	-60.0	190.5	27.9	5.1	27.4	332.1	332.2	0.0	4.4	36.7	13.
31.0	89.7	9496.2	300.0	-36.7	-62.5	187.9	28.5	3.9	28.3	333.7	333.8	0.0	4.9	41.3	13.
34.5	94.0	10092.1	275.0	-41.5	99.9	187.5	28.4	3.7	28.1	335.1	999.9	99.9	999.9	46.3	12.
37.1	98.6	10731.3	250.0	-47.2	99.9	184.0	30.1	2.1	30.0	335.9	999.9	99.9	999.9	50.6	12.
39.9	103.4	11418.9	225.0	-53.1	99.9	186.3	32.6	3.6	32.4	337.1	999.9	99.9	999.9	56.2	11.
42.3	108.6	12167.2	200.0	-59.3	99.9	190.7	36.0	6.7	35.3	338.9	999.9	99.9	999.9	60.8	11.
44.7	114.3	12990.4	175.0	-66.0	99.9	204.2	36.3	14.9	33.1	341.1	999.9	99.9	999.9	66.2	11.
48.0	120.5	13930.6	150.0	-61.7	99.9	206.3	36.5*	16.1	32.7	363.9	999.9	99.9	999.9	73.2	13.
51.9	127.7	15064.2	125.0	-63.4	99.9	184.1	28.3*	2.0	28.2	380.2	999.9	99.9	999.9	80.0	13.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 38
STROUD, OKLAHOMA

9 MAY 1979
1105 GMT

129 99. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.6	272.5	972.4	20.8	17.4	160.0	5.1	-1.7	4.8	296.3	330.4	13.0	81.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	11.1	473.9	950.0	20.1	17.9	184.4	13.9	1.1	13.9	297.6	333.7	13.8	87.5	0.4	0.
1.1	11.5	704.7	925.0	19.2	16.9	185.7	14.8	1.7	14.7	297.9	332.7	13.2	91.8	1.1	3.
1.9	16.0	934.9	900.0	16.4	15.4	186.1	22.5	2.4	22.4	298.4	331.2	12.4	94.2	1.9	4.
2.6	15.5	1179.3	875.0	16.0	11.4	187.5	25.3	3.3	25.0	300.4	326.7	9.8	74.3	3.0	5.
3.4	21.0	1425.4	850.0	14.8	8.5	188.9	24.4	3.8	24.1	301.6	324.2	8.2	65.9	4.2	6.
4.3	23.6	1679.1	825.0	17.9	-15.8	190.0	23.0	4.0	22.6	307.6	314.1	2.2	15.1	5.4	7.
5.2	26.1	1943.5	800.0	21.8	-22.9	196.2	24.0	6.7	23.0	314.4	316.9	0.8	3.7	6.7	8.
6.2	28.9	2217.0	775.0	20.0	-23.6	199.9	24.2	8.3	22.8	315.3	317.8	0.7	3.9	8.2	10.
7.4	31.4	2497.7	750.0	17.7	-15.3	202.6	21.4	8.2	19.7	315.8	320.8	1.6	9.2	9.6	12.
8.4	34.1	2785.8	725.0	15.6	-15.7	202.6	20.2	7.8	18.6	316.6	321.5	1.5	10.1	11.0	13.
9.5	36.8	3084.2	700.0	12.9	-17.5	201.2	20.4	7.4	19.0	316.8	321.3	1.4	10.4	12.2	14.
10.6	39.6	3384.9	675.0	10.5	-15.0	198.9	20.0	6.5	18.9	317.5	323.1	1.8	15.1	13.5	15.
11.7	42.4	3697.2	650.0	7.5	-15.1	198.1	19.8	6.1	18.8	317.4	323.3	1.8	18.3	14.9	15.
12.9	45.3	4018.5	625.0	5.1	-16.4	201.8	18.7	7.0	17.4	318.3	324.6	2.0	22.9	16.2	15.
14.1	48.2	4349.7	600.0	1.8	-18.1	207.1	17.4	7.9	15.5	318.2	323.2	1.5	21.2	17.6	16.
15.5	51.2	4693.9	575.0	-1.1	-21.2	208.0	16.4	7.7	14.5	318.7	322.7	1.2	19.9	18.9	17.
16.8	54.3	5043.1	550.0	-4.7	-23.7	208.0	16.8	7.9	14.8	318.6	321.9	1.0	20.9	20.2	18.
18.2	57.4	5407.0	525.0	-7.7	-29.3	205.1	15.1	6.4	13.7	319.2	321.5	0.7	18.0	21.5	18.
19.6	60.6	5785.2	500.0	-9.7	-37.2	192.6	12.2	2.7	11.9	321.2	322.3	0.3	8.4	22.7	18.
21.0	63.9	6178.7	475.0	-13.1	-42.4	183.5	6.8	0.4	6.8	321.8	322.4	0.2	6.4	23.4	18.
22.6	67.3	6588.5	450.0	-16.3	-42.7	207.8	7.7	3.6	6.8	322.7	323.5	0.2	8.1	24.1	18.
24.5	70.7	7015.8	425.0	-19.7	-43.4	214.2	9.0	5.1	7.5	323.7	324.4	0.2	10.1	25.0	18.
26.2	74.3	7462.8	400.0	-23.3	-44.4	217.1	9.1	5.5	7.3	324.7	325.3	0.2	12.4	26.0	19.
29.4	78.0	7931.5	375.0	-26.9	-46.9	223.9	9.8	6.8	7.1	325.9	326.5	0.1	13.1	27.0	20.
30.3	81.9	8426.8	350.0	-29.5	-49.5	229.7	11.2	8.5	7.2	328.9	329.4	0.1	12.4	28.1	21.
32.3	85.8	8951.6	325.0	-33.5	-51.8	239.5	12.8	11.1	6.5	330.5	330.9	0.1	13.8	29.4	23.
34.4	90.0	9507.7	300.0	-37.9	-54.6	244.9	13.5	12.3	5.8	332.0	332.3	0.1	15.2	30.6	25.
36.8	94.5	10100.5	275.0	-43.2	99.9	246.7	14.0	12.9	5.5	332.7	999.9	99.9	999.9	32.1	27.
39.3	99.2	10734.3	250.0	-48.9	99.9	237.7	13.2	11.2	7.1	333.3	999.9	99.9	999.9	33.8	29.
42.0	104.2	11419.0	225.0	-53.7	99.9	222.1	13.7	9.2	10.2	336.3	999.9	99.9	999.9	35.8	30.
44.6	109.5	12165.4	200.0	-59.5	99.9	224.7	15.9	11.2	11.3	338.5	999.9	99.9	999.9	38.0	31.
47.5	115.3	12998.9	175.0	-58.7	99.9	236.6	18.4	15.3	10.1	343.1	999.9	99.9	999.9	40.9	33.
51.4	121.8	13965.5	150.0	-60.4	99.9	233.7	20.9	18.9	12.4	346.1	999.9	99.9	999.9	44.3	34.
55.4	128.7	15094.5	125.0	-62.5	99.9	999.9	99.9	99.9	99.9	351.9	999.9	99.9	999.9	48.9	37.
60.3	136.7	16460.3	100.0	-63.9	99.9	999.9	99.9	99.9	99.9	404.3	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
+ BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 38
STROUD, OKLAHOMA

9 MAY 1979
1405 GMT

126 100. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.8	272.3	974.4	21.3	16.7	180.0	7.7	0.0	7.7	296.7	329.2	12.4	75.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	11.3	492.3	950.0	19.9	14.9	999.9	99.9	99.9	99.9	297.4	327.4	11.3	73.0	999.9	999.
1.3	13.6	721.9	925.0	18.1	14.7	999.9	99.9	99.9	99.9	297.8	328.1	11.5	80.5	999.9	999.
1.8	16.0	956.2	900.0	16.0	14.6	999.9	99.9	99.9	99.9	298.1	329.1	11.7	91.1	1.5	22.
2.4	18.4	1195.6	875.0	13.9	12.2	199.9	22.2	7.6	20.9	298.2	325.7	10.3	89.5	2.3	22.
3.1	20.8	1440.3	850.0	12.1	11.1	195.0	22.5	5.8	21.7	298.8	325.2	9.8	93.6	3.3	21.
3.9	23.3	1690.2	825.0	12.0	0.2	187.3	23.0	2.9	22.8	301.3	315.5	5.1	51.0	4.3	19.
4.7	25.9	1951.6	800.0	10.2	-33.5	189.9	22.8	3.9	22.3	311.6	313.0	0.6	2.6	5.4	18.
5.5	28.3	2223.1	775.0	10.7	-34.3	198.1	23.2	7.2	22.0	313.9	314.6	0.2	1.0	6.5	18.
6.3	31.8	2502.9	750.0	17.0	-30.4	199.0	23.3	7.6	22.0	315.1	316.5	0.4	2.6	7.6	18.
7.3	33.4	2789.8	725.0	14.5	-26.3	198.9	21.1	6.8	19.9	315.4	317.9	0.7	5.2	8.8	17.
8.2	36.1	3084.2	700.0	11.9	-23.7	197.2	21.3	6.3	20.3	315.6	318.3	0.8	6.5	10.1	17.
9.2	38.8	3386.9	675.0	9.8	-24.8	193.4	19.6	4.9	19.0	316.5	319.2	0.8	5.7	11.3	17.
10.2	41.5	3698.2	650.0	6.9	-26.5	193.8	19.0	4.5	18.4	316.8	319.1	0.7	7.0	12.4	16.
11.3	44.3	4018.7	625.0	4.5	-27.3	196.7	18.5	5.3	17.7	317.6	319.6	0.6	7.3	13.7	16.
12.4	47.2	4349.1	600.0	1.4	-28.4	193.7	17.2	5.8	16.2	317.8	320.2	0.7	10.4	14.8	16.
13.6	50.1	4689.7	575.0	-1.4	-28.1	200.0	16.8	5.7	15.7	318.3	320.5	0.7	11.0	16.0	17.
14.9	53.1	5041.6	550.0	-4.6	-25.4	197.3	16.7	5.5	15.8	318.6	321.5	0.9	18.0	17.2	17.
16.2	56.3	5405.9	525.0	-7.3	-30.8	195.5	17.5	4.7	16.9	319.6	321.5	0.6	13.2	18.6	17.
17.6	59.4	5783.7	500.0	-10.3	-36.7	182.7	15.1	0.7	15.1	320.5	321.7	0.3	9.3	20.0	17.
19.1	62.6	6177.1	475.0	-12.6	-43.9	179.7	11.9	-0.1	11.9	322.4	323.0	0.2	5.3	21.1	16.
20.3	65.9	6587.1	450.0	-16.2	-43.3	185.1	10.6	0.9	10.4	322.9	323.6	0.2	7.5	22.0	15.
21.9	69.3	7014.3	425.0	-19.8	-46.8	191.0	9.2	1.8	9.1	323.6	324.1	0.1	7.0	22.8	15.
23.6	72.7	7461.3	400.0	-22.9	-47.9	196.8	10.4	3.0	9.9	325.2	325.6	0.1	8.1	23.8	15.
25.2	76.3	7930.7	375.0	-26.3	-51.0	210.5	11.9	6.0	10.2	326.7	327.1	0.1	7.7	24.8	15.
27.2	80.1	8425.6	350.0	-29.7	-53.2	229.6	15.5	11.0	10.1	328.8	329.1	0.1	8.0	26.2	17.
29.3	84.3	8950.9	325.0	-32.9	-55.4	234.3	17.7	14.7	9.8	331.3	331.6	0.1	8.4	28.0	19.
31.4	88.2	9508.6	300.0	-37.9	-58.9	239.9	18.1	15.6	9.1	332.8	332.2	0.0	8.9	29.7	22.
33.4	92.4	10101.9	275.0	-42.8	99.9	240.4	17.5	15.2	8.6	333.3	999.9	99.9	999.9	31.4	25.
35.6	97.0	10737.0	250.0	-47.8	99.9	229.6	15.4	12.5	10.6	335.0	999.9	99.9	999.9	33.4	27.
38.2	101.8	11422.6	225.0	-54.0	99.9	218.2	13.4	8.3	10.6	335.8	999.9	99.9	999.9	35.5	28.
40.8	107.0	12168.0	200.0	-60.3	99.9	226.8	15.3	11.2	10.5	337.3	999.9	99.9	999.9	37.5	28.
43.4	112.8	12997.1	175.0	-59.5	99.9	241.4	21.0	18.4	10.0	351.8	999.9	99.9	999.9	40.0	31.
46.5	119.0	13864.3	150.0	-60.8	99.9	229.4	22.5	15.7	16.1	365.6	999.9	99.9	999.9	43.7	32.
50.2	126.0	15097.7	125.0	-60.6	99.9	229.8	22.2	17.8	14.3	385.2	999.9	99.9	999.9	48.6	34.
54.5	134.0	16473.6	100.0	-64.4	99.9	999.9	99.9	99.9	99.9	403.4	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 38
STROUD, OKLAHOMA

9 MAY 1979
1705 GMT

126 98. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.0	272.0	974.7	26.5	16.7	170.0	7.7	-1.3	7.6	301.9	335.2	12.4	55.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	10.3	497.6	950.0	23.3	16.2	185.4	8.8	0.8	8.7	300.8	333.9	12.4	64.7	0.5	360.
0.9	12.8	729.8	925.0	20.8	15.2	188.1	9.8	1.4	9.7	300.6	332.4	11.9	70.6	0.7	1.
1.5	15.9	966.2	900.0	18.0	14.5	189.2	10.5	1.7	10.3	300.0	331.2	11.7	80.3	1.1	4.
2.4	17.5	1207.5	875.0	15.9	14.3	191.4	12.4	2.5	12.2	300.3	332.0	11.8	90.8	1.7	5.
3.3	19.9	1453.9	850.0	14.4	13.2	204.8	16.0	6.7	14.5	301.2	331.7	11.3	92.7	2.4	9.
4.3	22.4	1707.1	825.0	14.4	8.0	205.1	12.9	5.5	11.7	303.8	328.0	8.8	70.8	3.3	15.
5.4	24.9	1967.5	800.0	16.6	99.9	190.9	23.5	4.4	23.1	308.9	999.9	99.9	999.9	4.0	16.
6.6	27.4	2238.6	775.0	19.5	-26.9	187.1	24.1	3.0	24.0	314.8	316.6	8.5	3.8	4.2	12.
7.8	30.0	2518.7	750.0	17.7	-18.6	188.6	17.2	2.6	17.0	315.9	319.7	1.2	6.9	7.6	12.
8.9	32.7	2806.9	725.0	15.8	-42.2	190.7	17.0	3.2	16.7	316.8	323.5	2.1	13.6	8.7	11.
9.9	35.3	3103.2	700.0	13.3	-10.3	191.6	17.6	3.5	17.2	317.3	325.1	2.5	19.1	9.8	11.
10.9	38.0	3407.2	675.0	10.3	-11.7	196.7	18.1	5.2	17.4	317.2	324.5	2.3	19.8	10.8	11.
11.8	40.8	3723.3	650.0	8.3	-12.9	207.4	15.8	7.3	14.0	318.3	325.2	2.2	20.7	11.8	12.
12.9	43.6	4041.9	625.0	5.2	-14.6	204.6	15.0	6.2	13.6	318.4	324.7	2.0	22.3	12.6	13.
13.9	46.4	4373.1	600.0	2.1	-15.4	199.4	15.9	5.3	15.0	318.5	324.6	1.9	25.0	13.6	14.
15.0	49.4	4716.1	575.0	-1.5	-18.4	195.4	15.9	4.2	15.3	318.3	323.3	1.6	26.2	14.7	14.
16.3	52.4	5066.5	550.0	-4.2	-24.6	197.0	15.9	4.6	15.2	319.1	322.3	0.9	18.5	15.9	14.
17.7	55.4	5431.3	525.0	-7.2	-29.6	206.0	21.5	9.4	19.3	319.8	321.9	0.6	14.7	17.4	15.
18.9	58.5	5810.0	500.0	-9.5	-33.3	193.5	16.5	3.9	16.1	321.4	323.0	0.5	12.3	18.9	16.
20.3	61.8	6204.2	475.0	-12.0	-39.2	186.8	14.5	1.7	14.4	323.2	324.1	0.3	8.2	20.3	15.
21.6	65.1	6614.5	450.0	-16.1	-38.1	194.1	16.3	4.0	15.8	323.0	324.1	0.3	12.9	21.3	15.
23.2	68.5	7042.4	425.0	-19.8	-40.7	195.0	15.8	4.1	15.2	323.8	324.8	0.3	13.3	22.7	15.
24.8	72.3	7489.4	400.0	-23.2	-41.8	196.5	15.0	4.2	14.4	324.9	325.8	0.2	10.1	24.2	15.
26.4	75.6	7959.9	375.0	-25.7	-46.4	245.3	13.1	11.9	5.5	327.6	328.1	0.2	12.4	25.4	16.
28.4	79.4	8457.0	350.0	-28.4	-49.2	235.0	17.2	14.1	9.9	330.4	330.9	0.1	11.5	26.2	19.
30.3	83.3	8984.1	325.0	-31.9	-51.2	223.9	18.2	12.6	13.1	332.8	333.2	0.1	12.7	28.1	21.
32.4	87.5	9542.9	300.0	-37.7	-54.6	225.5	19.2	13.7	13.4	332.2	332.5	0.1	15.8	30.3	23.
34.7	91.8	10136.6	275.0	-42.9	99.9	223.9	18.3	12.7	13.2	333.1	999.9	99.9	999.9	32.6	24.
37.1	96.2	10772.7	250.0	-47.6	99.9	228.7	19.5	14.7	12.9	335.4	999.9	99.9	999.9	35.1	26.
39.8	101.0	11459.6	225.0	-53.4	99.9	231.2	21.3	16.6	13.3	336.7	999.9	99.9	999.9	38.1	28.
42.3	106.2	12208.7	200.0	-58.7	99.9	231.3	21.9	17.1	13.7	339.9	999.9	99.9	999.9	41.1	30.
45.1	111.8	13036.8	175.0	-61.2	99.9	236.9	24.4	20.4	13.3	348.9	999.9	99.9	999.9	44.6	32.
48.4	117.8	14000.1	150.0	-60.1	99.9	219.5	19.9	12.7	15.4	366.5	999.9	99.9	999.9	48.0	33.
52.5	124.5	15136.7	125.0	-60.1	99.9	225.8	23.8	16.9	16.5	386.2	999.9	99.9	999.9	54.1	35.
56.7	132.3	16516.7	100.0	-61.8	99.9	999.9	99.9	99.9	99.9	408.3	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 38
STROUD, OKLAHOMA

9 MAY 1979
2010 GMT

128 101. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.0	272.0	972.8	27.8	18.2	180.0	9.3	0.0	9.3	303.3	340.2	13.7	56.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
1.0	10.2	481.7	950.0	25.4	16.9	169.2	10.9	-2.0	10.7	302.9	337.6	12.9	59.4	0.6	348.
1.9	12.6	716.3	925.0	23.3	16.0	168.2	11.8	-2.4	11.6	303.1	337.0	12.5	63.9	1.2	348.
2.6	15.0	954.6	900.0	20.7	15.4	171.0	12.4	-1.9	12.2	302.9	336.2	12.3	71.4	1.8	348.
3.3	17.5	1198.1	875.0	18.4	15.0	173.8	13.8	-1.5	13.8	302.9	336.4	12.4	81.0	2.4	350.
4.4	19.7	1446.6	850.0	16.4	13.4	186.9	14.7	1.8	14.6	303.3	334.5	11.5	82.5	3.3	352.
5.4	22.4	1700.9	825.0	15.3	11.4	198.5	15.4	4.9	14.6	304.8	333.3	10.4	77.6	4.1	357.
6.3	25.0	1961.6	800.0	15.1	6.8	195.5	17.5	4.7	16.9	307.3	329.2	7.8	57.6	4.9	1.
7.4	27.6	2232.7	775.0	18.7	-9.4	186.7	17.6	2.1	17.4	313.9	321.4	2.4	14.0	6.1	2.
8.2	30.1	2512.3	750.0	17.6	-9.1	190.6	17.8	3.3	17.5	315.7	323.6	2.6	15.3	7.0	3.
9.1	32.8	2800.6	725.0	15.6	-10.2	197.3	17.3	5.0	16.5	316.5	324.1	2.4	16.0	7.9	4.
10.2	35.4	3096.4	700.0	12.9	-6.5	198.6	17.1	5.5	16.2	316.8	327.2	3.4	25.2	8.9	6.
11.2	38.1	3400.4	675.0	10.3	-8.5	196.2	17.5	4.9	16.8	317.1	326.4	3.0	25.8	10.1	7.
12.4	40.9	3713.0	650.0	7.8	-7.4	198.9	16.7	5.4	15.8	317.8	325.2	3.4	32.9	11.3	8.
13.7	43.8	4034.7	625.0	4.9	-10.7	204.7	17.1	7.1	15.5	318.0	326.5	2.7	31.4	12.5	10.
15.3	46.7	4365.8	600.0	1.8	-13.2	209.9	18.3	9.1	15.9	318.2	325.5	2.3	32.0	13.8	11.
16.3	49.6	4707.0	575.0	-1.2	-20.0	212.4	18.5	9.9	15.7	318.6	323.0	1.4	22.3	15.2	13.
17.7	52.6	5059.2	550.0	-4.3	-27.4	210.2	19.6	9.9	17.0	319.0	321.4	0.7	14.5	16.7	15.
19.1	55.8	5423.7	525.0	-7.0	-29.4	211.2	20.0	10.3	17.1	320.0	322.2	0.6	14.7	18.3	16.
20.4	58.9	5802.4	500.0	-9.3	-33.1	211.8	16.7	8.8	14.2	321.7	323.4	0.5	12.3	19.8	18.
21.9	62.1	6197.1	475.0	-11.4	-34.6	207.2	13.3	6.1	11.9	323.9	325.4	0.4	12.5	21.0	18.
23.6	65.4	6609.4	450.0	-14.4	-36.9	212.4	13.6	7.3	11.5	325.2	326.5	0.4	12.8	22.3	19.
25.2	68.9	7039.4	425.0	-18.0	-39.5	212.0	14.7	7.8	12.4	326.0	327.0	0.3	13.1	23.7	20.
27.1	72.4	7489.1	400.0	-22.0	-42.5	211.2	16.9	8.8	14.5	326.4	327.3	0.2	13.5	25.4	20.
28.5	76.0	7961.6	375.0	-24.8	-44.6	220.4	20.1	13.0	15.3	328.8	329.5	0.2	13.8	27.2	21.
30.4	79.7	8460.6	350.0	-29.1	-47.1	229.2	20.9	15.8	13.7	330.9	331.5	0.2	14.1	29.2	23.
32.4	83.7	8987.6	325.0	-32.4	-50.5	230.0	20.9	16.0	13.4	332.0	332.4	0.1	14.5	31.4	25.
34.6	87.7	9546.5	300.0	-37.3	-54.3	229.3	20.9	15.8	13.6	332.8	333.1	0.1	14.9	33.8	27.
37.2	92.0	10140.1	275.0	-43.0	99.9	231.8	20.2	15.9	12.5	332.9	999.9	99.9	999.9	36.7	29.
39.7	96.6	10776.2	250.0	-48.0	99.9	230.2	21.3	16.3	13.6	334.7	999.9	99.9	999.9	39.5	31.
42.3	101.4	11462.7	225.0	-53.4	99.9	234.5	21.5	17.5	12.5	336.6	999.9	99.9	999.9	42.6	32.
45.3	106.6	12211.6	200.0	-59.4	99.9	238.4	24.9	21.2	13.0	338.7	999.9	99.9	999.9	46.3	34.
48.4	112.2	13043.5	175.0	-59.5	99.9	231.2	25.1	19.6	15.7	351.8	999.9	99.9	999.9	50.8	37.
51.8	118.3	14010.0	150.0	-60.6	99.9	219.2	24.2	15.3	18.7	365.8	999.9	99.9	999.9	55.6	37.
55.9	124.8	15145.4	125.0	-61.9	99.9	228.2	22.7	18.9	15.1	382.9	999.9	99.9	999.9	61.5	38.
59.7	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
# BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 38
STROUD, OKLAHOMA

9 MAY 1979
2305 GMT

127 96. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.7	272.0	972.0	26.2	18.8	140.0	6.2	-4.0	4.7	301.8	339.9	14.3	68.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	11.5	474.1	950.0	24.8	18.1	158.3	10.2	-3.8	9.5	302.4	339.8	13.9	66.0	0.4	337.
1.3	13.8	708.1	925.0	22.9	17.2	164.0	11.7	-3.2	11.2	302.7	339.0	13.5	70.4	0.9	338.
2.1	16.2	946.7	900.0	20.8	16.5	173.4	12.8	-1.5	12.7	303.0	338.6	13.2	76.2	1.4	342.
3.0	18.5	1190.6	875.0	19.0	16.8	181.2	13.3	0.3	13.3	303.5	341.0	13.9	86.9	2.1	348.
4.3	21.0	1439.5	850.0	16.7	15.1	184.5	14.6	1.1	14.5	303.6	338.4	12.9	90.7	2.9	352.
4.9	23.4	1694.1	825.0	15.1	13.5	184.4	15.3	1.2	15.2	304.6	337.1	11.9	90.1	3.7	355.
5.7	25.8	1954.5	800.0	12.4	11.5	186.9	14.5	1.7	14.4	304.3	333.7	10.7	94.3	4.4	357.
6.5	28.3	2220.9	775.0	10.5	-7.8	184.6	16.7	1.3	16.7	305.1	324.5	7.0	63.5	5.1	358.
7.5	31.9	2495.8	750.0	16.0	-40.1	182.7	18.0	0.8	18.0	314.9	314.5	0.2	1.0	6.2	359.
8.4	33.5	2782.8	725.0	15.3	-40.5	186.9	17.4	2.1	17.3	316.3	316.8	0.1	1.0	7.2	360.
9.4	36.1	3078.5	700.0	13.6	-26.6	193.2	15.9	3.6	15.5	317.6	320.1	0.7	5.3	8.2	1.
10.5	38.8	3382.9	675.0	10.8	-18.7	197.0	17.0	5.0	16.2	317.8	322.0	1.3	10.8	9.2	2.
11.5	41.5	3695.6	650.0	8.3	-19.4	200.7	17.0	6.0	15.9	318.4	322.4	1.2	11.6	10.2	4.
12.6	44.3	4017.5	625.0	5.5	-28.9	206.5	17.7	7.9	15.9	318.7	320.7	0.6	6.2	11.3	6.
13.9	47.2	4348.9	600.0	2.4	-23.9	210.1	19.1	9.6	16.5	318.9	322.0	0.9	12.1	12.5	8.
15.0	50.1	4690.5	575.0	-0.8	-26.0	211.3	21.1	10.9	18.0	319.1	321.7	0.8	12.7	13.8	11.
16.2	53.0	5043.0	550.0	-4.3	-26.7	214.1	23.2	13.0	19.2	319.0	321.7	0.8	15.4	15.3	13.
17.5	55.9	5407.6	525.0	-7.0	-40.7	215.5	22.1	12.8	18.0	320.0	320.7	0.2	4.8	17.1	15.
18.9	59.0	5786.3	500.0	-9.3	-55.8	212.2	17.5	9.3	14.8	321.7	321.8	0.0	1.0	18.6	17.
20.4	62.3	6182.1	475.0	-10.8	-56.7	207.4	15.4	7.1	13.6	324.7	324.8	0.0	1.0	20.0	18.
21.9	65.5	6595.9	450.0	-13.4	-58.4	207.2	16.3	7.5	14.5	326.4	326.5	0.0	1.0	21.3	18.
23.4	68.9	7027.2	425.0	-17.4	-61.0	212.5	17.1	9.2	14.4	328.6	328.7	0.0	1.0	22.9	19.
25.1	72.4	7478.9	400.0	-20.2	-62.7	220.7	18.8	12.2	14.2	328.8	328.9	0.0	1.0	24.5	20.
26.9	76.0	7957.9	375.0	-24.3	-65.4	226.0	20.4	14.7	14.2	329.4	329.5	0.0	1.0	26.5	22.
28.8	79.9	8452.0	350.0	-29.5	-62.0	231.2	19.8	15.5	12.4	330.4	330.5	0.0	2.4	28.7	24.
30.9	83.7	8979.3	325.0	32.3	-59.5	233.3	19.2	15.4	11.5	332.2	332.3	0.0	4.7	30.7	26.
33.1	87.8	9537.9	300.0	-37.4	-62.6	229.5	20.5	15.6	13.3	332.7	332.8	0.0	5.2	33.1	28.
35.2	92.0	10132.8	275.0	-42.1	99.9	233.1	20.6	16.5	12.4	334.3	999.9	99.9	999.9	35.7	30.
37.6	96.6	10771.3	250.0	-47.1	99.9	239.7	20.9	18.1	10.5	336.1	999.9	99.9	999.9	38.2	32.
40.3	101.5	11459.5	225.0	-52.6	99.9	244.6	22.0	19.9	9.5	337.9	999.9	99.9	999.9	41.0	34.
42.8	106.8	12211.0	200.0	-57.9	99.9	246.9	21.8	20.1	8.6	341.1	999.9	99.9	999.9	44.0	37.
45.8	112.5	13045.3	175.0	-60.8	99.9	238.8	24.0	20.8	12.5	350.9	999.9	99.9	999.9	47.6	39.
49.0	118.5	14012.9	150.0	-59.7	99.9	228.5	26.7	20.0	17.7	367.3	999.9	99.9	999.9	52.6	40.
52.6	125.1	15144.3	125.0	-62.7	99.9	230.0	25.7	19.7	16.5	391.4	999.9	99.9	999.9	58.2	41.
56.3	131.7	16516.7	100.0	-63.5	99.9	999.9	99.9	99.9	99.9	405.0	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 38
STROUD, OKLAHOMA

18 MAY 1979
205 GMT

129 96. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.6	272.0	972.1	24.3	18.2	150.0	5.1	-2.6	4.4	299.9	336.3	13.7	69.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	11.7	674.4	950.0	24.4	18.6	147.1	15.2	-8.3	12.8	301.9	340.4	14.4	70.3	0.4	324.
1.2	14.1	707.7	925.0	22.1	17.4	155.1	16.6	-7.0	15.0	302.0	338.7	13.7	74.7	1.0	327.
2.1	16.5	946.0	900.0	20.2	16.8	165.8	19.6	-4.8	19.0	302.3	338.6	13.5	80.6	1.9	334.
3.3	18.9	1189.4	875.0	18.4	16.6	170.1	20.9	-3.6	20.5	302.9	339.9	13.8	89.4	3.0	340.
3.9	21.4	1438.2	850.0	16.6	14.3	176.4	20.5	-1.3	20.4	303.6	338.6	12.2	86.4	4.0	343.
4.9	24.0	1692.6	825.0	14.8	13.1	181.1	21.0	0.4	21.0	304.3	336.0	11.6	89.6	5.2	347.
5.7	26.5	1952.8	800.0	12.2	11.5	182.5	20.5	0.9	20.4	304.2	333.6	10.7	95.2	6.3	349.
6.6	29.0	2220.5	775.0	20.0	-37.7	183.6	19.1	1.2	19.1	315.3	316.0	0.2	1.0	7.3	352.
7.6	31.7	2501.7	750.0	18.4	-38.7	183.0	17.4	0.9	17.4	316.5	317.2	0.2	1.0	8.4	353.
8.8	34.3	2790.0	725.0	16.1	-40.1	186.8	16.7	2.0	16.6	317.1	317.7	0.2	1.0	9.4	356.
9.6	37.0	3086.3	700.0	13.7	-19.5	194.1	15.9	3.9	15.4	317.6	321.4	1.2	8.3	10.3	356.
11.7	39.8	3390.2	675.0	10.3	-21.7	199.9	15.5	5.3	14.5	317.2	320.5	1.0	8.6	11.3	3.0.
11.9	42.6	3702.3	650.0	7.9	-23.2	198.0	17.3	5.3	16.5	317.9	320.9	0.9	8.8	12.3	340.
11.3	45.3	4023.0	625.0	4.6	-24.3	203.7	17.6	7.1	16.1	317.7	320.6	0.9	10.1	13.4	1.
14.3	48.3	4353.9	600.0	1.3	-24.7	204.6	18.7	7.6	17.0	317.7	320.5	0.9	12.2	14.8	4.
15.5	51.3	4694.5	575.0	-1.6	-28.7	206.1	19.1	8.4	17.2	317.8	319.9	0.6	10.6	16.1	5.
16.8	54.3	5046.1	550.0	-4.8	-31.6	206.1	20.3	8.9	18.2	318.4	320.1	0.5	10.1	17.5	7.
18.2	57.6	5409.8	525.0	-7.4	-41.5	208.4	17.5	8.3	15.4	319.5	320.2	0.2	6.5	19.0	9.
19.5	60.5	5786.5	500.0	-9.3	-42.4	211.1	16.9	8.7	14.4	321.7	322.4	0.2	6.7	20.3	10.
20.9	63.8	6183.7	475.0	-10.6	-47.5	213.8	16.2	9.0	13.5	324.9	325.3	0.1	3.8	21.5	12.
22.3	67.1	6596.4	450.0	-14.0	-52.9	221.7	13.6	12.4	13.9	325.7	325.9	0.1	2.1	22.9	13.
23.9	70.8	7027.2	425.0	-17.6	-54.0	222.7	20.0	13.5	14.7	326.4	326.6	0.1	2.5	24.4	15.
25.5	74.0	7477.6	400.0	-21.3	-55.4	219.8	19.5	12.5	15.0	327.3	327.5	0.0	2.9	26.1	17.
27.3	77.7	7955.5	375.0	-25.3	-48.5	222.5	18.3	12.4	13.5	328.1	328.5	0.1	9.3	28.0	19.
29.2	81.6	8469.1	350.0	-25.7	-50.9	221.2	19.8	13.1	14.9	330.0	330.4	0.1	9.6	30.1	20.
31.2	85.6	8976.4	325.0	-32.9	-53.9	226.1	21.0	15.2	14.6	331.3	331.6	0.1	10.1	32.3	22.
33.2	89.7	9531.8	300.0	-37.7	-57.4	231.6	22.2	17.4	13.8	332.3	332.5	0.1	10.5	34.6	24.
35.5	94.0	10125.4	275.0	-42.6	99.9	228.7	21.9	16.4	14.4	333.5	999.9	99.9	999.9	37.5	26.
38.1	98.8	10762.4	250.0	-47.4	99.9	232.8	20.1	16.0	12.2	335.6	999.9	99.9	999.9	40.4	28.
40.7	103.6	11450.5	225.0	-52.8	99.9	238.5	20.8	17.7	10.8	337.6	999.9	99.9	999.9	43.3	30.
43.6	109.0	12201.7	200.0	-58.1	99.9	255.5	19.2	18.6	4.8	340.8	999.9	99.9	999.9	46.0	32.
46.0	114.8	13037.6	175.0	-62.3	99.9	261.3	18.1	17.9	2.7	347.2	999.9	99.9	999.9	47.8	35.
48.6	121.0	13976.6	150.0	-64.9	99.9	238.7	23.9	20.4	12.4	358.3	999.9	99.9	999.9	50.4	37.
52.7	129.0	15092.5	125.0	-65.1	99.9	226.1	26.6	19.2	18.4	377.1	999.9	99.9	999.9	56.8	38.
58.1	135.7	16456.0	100.0	-64.8	99.9	999.9	99.9	99.9	99.9	402.6	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 30
STROUD, OKLAHOMA

10 MAY 1979
905 GMT

128 101. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	0.0	272.0	972.3	23.8	18.0	150.0	7.2	-3.6	6.2	299.4	335.1	13.5	70.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.9	11.5	674.9	950.0	22.2	16.8	149.1	14.5	-7.4	12.4	299.7	333.9	12.8	71.5	0.8	326.
1.8	13.9	701.7	925.0	20.3	16.4	157.5	17.4	-6.7	16.1	300.3	336.5	12.8	77.3	1.4	329.
2.7	16.4	943.6	900.0	18.9	16.5	166.5	20.3	-4.8	19.7	301.0	338.5	13.*	86.8	2.4	335.
3.6	19.0	1185.6	875.0	17.1	16.1	173.2	22.9	-2.7	22.7	301.6	337.2	13.	93.0	3.8	348.
4.5	21.6	1433.2	850.0	15.6	14.6	179.4	22.8	-0.2	22.6	302.6	335.9	12.4	93.8	4.7	360.
5.4	23.9	1686.8	825.0	13.8	12.6	188.5	22.4	2.2	22.3	303.2	333.6	11.2	92.4	5.9	368.
6.4	26.5	1946.4	800.0	11.7	10.6	198.0	20.2	3.8	19.9	303.8	331.3	10.1	93.8	7.2	352.
7.3	29.1	2213.1	775.0	10.0	-38.3	198.4	16.1	5.1	15.3	313.2	311.8	0.2	1.0	8.3	355.
8.3	31.7	2492.3	750.0	10.7	-33.1	200.9	15.8	5.6	14.7	314.7	315.8	0.3	2.0	9.2	357.
9.8	34.5	2779.0	725.0	10.*	-36.5	205.0	16.3	6.9	14.8	315.2	316.1	0.2	1.7	10.1	360.
10.*	37.1	3073.4	700.0	12.1	-42.5	209.4	14.9	7.3	12.9	316.9	316.3	0.1	1.0	11.0	2.
11.8	39.9	3376.1	675.0	9.8	-48.9	211.9	14.7	7.8	12.5	316.6	317.0	0.1	1.0	11.9	0.
12.9	42.7	3687.1	650.0	8.7	-44.6	210.0	15.3	8.0	12.6	316.6	317.0	0.1	1.1	12.8	7.
14.1	45.5	4006.7	625.0	3.6	-44.3	217.7	15.4	9.4	12.2	316.5	317.0	0.1	1.5	13.7	9.
15.2	48.4	4335.8	600.0	0.5	-41.7	217.4	16.9	10.3	13.5	318.8	317.3	0.2	2.4	14.7	11.
16.5	51.3	4675.2	575.0	-2.5	-45.3	216.7	19.8	11.9	15.9	317.1	317.8	0.1	2.1	15.9	13.
17.8	54.4	5025.6	550.0	-5.5	-45.7	216.7	21.2	12.7	17.0	317.6	318.0	0.1	2.0	17.5	15.
19.4	57.5	5389.3	525.0	-7.6	-51.4	212.9	20.6	11.1	17.2	319.3	319.6	0.1	1.4	19.1	17.
20.6	60.6	5766.4	500.0	-10.4	-52.2	215.8	18.1	10.6	14.7	320.3	320.6	0.1	1.7	20.7	18.
21.9	63.9	6159.9	475.0	-12.2	-52.5	216.0	18.0	11.1	14.2	322.9	323.1	0.1	1.9	22.6	20.
23.3	67.3	6571.0	450.0	-15.4	-53.3	213.6	19.5	10.8	16.3	323.8	324.1	0.1	2.2	23.6	21.
24.9	70.7	6999.9	425.0	-19.1	-56.5	211.2	19.3	10.0	16.5	324.8	324.8	0.1	2.6	25.2	21.
26.6	74.3	7448.1	400.0	-22.1	-55.7	213.3	20.5	11.3	17.2	326.2	326.4	0.0	3.0	27.2	22.
28.0	78.0	7913.5	375.0	-25.6	-64.7	219.3	20.5	13.0	15.9	327.7	327.9	0.1	4.6	28.9	23.
29.8	81.8	8416.0	350.0	-29.8	-57.1	219.8	20.9	13.3	16.0	328.6	328.8	0.0	5.0	30.9	24.
31.5	85.8	8933.0	325.0	-34.3	-58.0	218.2	22.9	14.1	18.0	329.4	329.6	0.0	7.8	33.3	25.
33.6	90.0	9494.4	300.0	-38.2	-60.3	221.2	22.9	15.1	17.3	331.5	331.9	0.0	7.7	36.1	26.
35.7	94.3	10087.0	275.0	-42.9	99.9	225.5	22.6	16.1	15.8	333.1	999.9	99.9	999.9	38.8	28.
38.0	99.0	10722.2	250.0	-47.8	99.9	234.2	22.9	18.8	13.4	335.0	999.9	99.9	999.9	41.7	29.
40.4	104.0	11409.2	225.0	-52.6	99.9	246.4	22.4	20.8	9.8	337.9	999.9	99.9	999.9	44.6	31.
42.7	109.3	12162.7	200.0	-57.1	99.9	266.6	19.7	19.7	1.2	342.4	999.9	99.9	999.9	46.8	34.
45.3	115.3	12994.7	175.0	-64.4	99.9	287.7	17.4	17.4	0.7	343.7	999.9	99.9	999.9	48.1	37.
47.6	121.5	13923.2	150.0	-68.4	99.9	228.0	19.2	14.2	12.8	352.2	999.9	99.9	999.9	50.8	36.
51.1	129.5	15027.3	125.0	66.7	99.9	999.9	99.9	99.9	99.9	374.3	999.9	99.9	999.9	58.9	39.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO. 38
STROUD, OKLAHOMA

10 MAY 1979
805 GMT

130 94. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.9	272.3	972.5	23.5	18.8	160.0	6.2	-2.1	5.8	299.0	336.6	14.2	75.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.7	11.0	476.9	950.0	22.8	19.9	171.5	15.0	-2.2	14.9	300.3	339.2	14.7	78.9	0.5	352.
1.5	13.4	709.6	925.0	20.8	16.7	174.4	18.2	-1.8	18.1	300.6	340.0	14.8	87.5	1.2	352.
2.3	15.7	946.7	900.0	18.7	17.9	181.7	22.8	0.7	22.9	300.8	339.4	14.5	94.8	2.2	355.
3.2	18.1	1189.2	875.0	18.2	17.1	185.0	26.4	2.3	26.3	302.7	340.6	14.2	93.3	3.7	359.
4.2	20.5	1438.0	850.0	16.8	15.2	185.6	24.9	2.4	24.8	303.7	338.7	12.9	90.5	5.2	1.
5.2	23.0	1692.9	825.0	15.6	12.1	187.1	21.9	2.7	21.8	305.1	334.9	10.9	80.0	6.6	2.
6.3	25.5	1951.8	800.0	13.1	11.5	189.0	19.9	3.1	19.7	305.2	334.7	10.8	90.1	8.0	3.
7.4	28.1	2220.7	775.0	12.7	6.4	193.9	17.1	4.1	16.6	307.4	331.2	8.5	73.3	9.3	4.
8.6	30.7	2500.0	750.0	17.4	-12.2	197.5	15.4	5.1	14.5	315.5	321.8	2.0	12.1	10.2	5.
9.7	33.2	2787.6	725.0	15.0	-15.6	206.0	16.6	7.3	14.9	315.9	320.9	1.6	10.7	11.3	7.
10.8	35.9	3085.3	700.0	13.3	-17.9	214.4	17.8	10.1	14.7	317.2	321.6	1.3	9.6	12.3	9.
11.8	38.6	3387.3	675.0	10.9	-19.5	220.7	18.3	11.9	13.9	317.9	321.8	1.2	9.9	13.3	11.
13.0	41.3	3699.2	650.0	8.0	-21.5	225.8	18.0	12.9	12.6	318.0	321.5	1.1	10.2	14.4	14.
14.2	44.2	4021.3	625.0	5.1	-23.4	228.9	20.0	14.3	13.9	318.3	321.4	0.9	10.5	15.5	17.
15.4	47.1	4352.3	600.0	1.8	-25.7	232.7	18.7	12.7	13.7	318.2	320.9	0.8	10.8	16.8	19.
16.7	50.0	4693.5	575.0	-1.3	-25.5	217.2	19.9	12.0	15.8	318.5	321.2	0.8	13.8	18.2	21.
18.1	53.0	5045.7	550.0	4.6	-27.9	214.3	21.7	12.2	17.9	318.7	321.0	0.7	14.0	19.8	22.
19.4	56.1	5409.3	525.0	-7.6	-34.9	215.3	20.3	11.8	16.6	319.3	320.6	0.4	9.0	21.5	23.
20.7	59.3	5787.9	500.0	-10.1	-36.6	217.0	23.4	12.9	18.3	320.8	322.0	0.3	9.2	23.0	24.
22.0	62.4	6180.9	475.0	-13.2	-38.7	217.3	18.5	11.1	14.8	321.7	322.7	0.3	9.5	24.5	25.
23.5	65.8	6591.0	450.0	-15.4	-38.5	213.9	16.2	9.0	13.4	323.6	324.9	0.3	11.8	26.0	25.
25.0	69.1	7020.3	425.0	-18.3	-37.0	206.3	17.0	7.6	15.3	325.6	326.9	0.4	17.3	27.4	26.
26.7	72.7	7470.1	400.0	-21.3	-42.3	206.0	20.7	9.1	18.6	327.3	328.2	0.2	13.0	29.4	25.
28.5	76.4	7943.1	375.0	-24.6	-43.8	208.4	20.8	9.9	18.3	329.1	329.9	0.2	14.8	31.6	26.
30.2	80.3	8441.7	350.0	-28.6	-47.8	209.6	20.6	10.2	17.9	330.2	330.7	0.1	13.7	33.9	26.
32.1	84.2	8968.1	325.0	-32.5	-50.5	217.5	22.4	13.6	17.8	331.9	332.3	0.1	14.1	36.2	26.
34.2	88.4	9527.7	300.0	-36.7	-54.0	220.5	22.1	14.3	16.8	333.7	334.0	0.1	14.5	38.9	27.
36.6	92.8	10124.4	275.0	-41.4	99.9	224.7	22.0	15.5	15.6	335.2	999.9	99.9	999.9	41.9	28.
39.3	97.4	10764.5	250.0	-46.3	99.9	230.5	20.8	17.8	10.9	337.3	999.9	99.9	999.9	44.7	30.
41.3	102.4	11457.1	225.0	-51.1	99.9	250.2	19.5	19.2	3.6	340.3	999.9	99.9	999.9	46.9	32.
43.6	107.8	12213.3	200.0	-58.2	99.9	259.5	18.2	17.9	3.6	343.7	999.9	99.9	999.9	48.6	34.
46.1	113.5	13043.4	175.0	-65.2	99.9	235.9	12.1	10.0	6.8	342.3	999.9	99.9	999.9	50.1	36.
48.9	120.0	13972.9	150.0	-66.8	99.9	212.1	23.4	12.9	19.8	356.3	999.9	99.9	999.9	52.6	36.
52.2	127.0	15081.6	125.0	-69.6	99.9	226.0	30.3	21.0	21.4	376.1	999.9	99.9	999.9	58.9	38.
57.5	135.0	16452.0	100.0	-61.6	99.9	999.9	99.9	99.9	99.9	408.8	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 38
STROUD, OKLAHOMA

10 MAY 1979
1105 GMT

128 100. 0

TIME MIN	CNTCT	HEIGHT M	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.1	272.0	973.6	21.7	19.3	160.0	3.6	-1.2	3.4	297.1	335.3	14.8	86.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.8	11.3	485.8	950.0	21.8	19.0	168.8	11.7	-2.3	11.4	299.4	338.3	14.8	83.9	0.5	339.
1.7	13.7	717.4	925.0	20.0	18.3	179.1	15.6	-0.2	15.6	299.8	338.1	14.5	90.1	1.2	347.
2.7	16.1	953.9	900.0	18.1	17.0	190.5	19.5	3.6	19.1	300.2	336.6	13.7	93.2	2.3	356.
3.7	19.6	1196.1	875.0	18.1	15.5	202.0	18.4	6.9	17.1	302.6	337.0	12.8	84.6	3.4	3.
4.8	21.1	1445.0	850.0	17.7	11.4	212.1	16.6	8.8	14.1	304.7	332.4	10.1	66.6	4.5	9.
5.9	23.6	1700.4	825.0	16.4	9.6	217.9	16.2	10.0	12.8	306.0	331.3	9.1	63.7	5.5	14.
6.9	26.1	1962.0	800.0	15.0	8.1	222.2	15.7	10.5	11.6	307.1	330.9	8.5	63.2	6.4	18.
8.0	28.7	2233.2	775.0	12.9	6.3	231.2	14.3	11.1	9.0	307.7	329.6	7.8	64.5	7.2	22.
9.1	31.3	2505.1	750.0	10.6	5.9	238.1	14.9	11.9	8.9	308.1	329.9	7.7	72.3	8.0	25.
10.1	34.0	2787.1	725.0	9.6	4.8	233.5	15.3	12.3	9.1	311.0	331.3	7.5	72.1	8.9	28.
11.3	36.7	3078.9	700.0	10.1	-11.9	220.5	12.7	8.2	9.7	313.7	321.4	2.5	23.6	9.8	33.
12.7	39.4	3380.7	675.0	9.4	-28.8	209.4	12.7	6.2	11.0	316.1	317.9	0.5	6.8	10.8	30.
14.1	42.3	3691.7	650.0	6.9	-30.0	211.9	15.0	7.9	12.7	316.8	318.4	0.5	5.1	12.0	30.
15.6	45.1	4011.9	625.0	4.3	-30.4	212.4	15.9	8.5	13.5	317.4	319.1	0.5	5.0	13.4	33.
17.1	48.0	4341.6	600.0	1.2	-25.7	209.9	16.0	8.0	13.9	317.5	320.1	0.8	11.3	14.8	31.
18.6	51.0	4681.9	575.0	-1.9	-30.7	206.1	15.9	7.0	14.3	317.8	319.6	0.5	5.8	16.2	30.
20.3	54.1	5033.1	550.0	-5.2	-32.9	206.9	15.1	6.9	13.5	317.9	319.4	0.4	9.2	17.5	30.
21.5	57.3	5396.4	525.0	-7.3	-43.6	211.5	16.3	8.5	13.9	319.7	320.3	0.1	3.5	18.9	30.
23.0	60.4	5775.5	500.0	-8.9	-36.4	216.3	17.1	10.2	13.8	322.2	323.6	0.4	13.6	20.4	30.
24.6	63.6	6169.9	475.0	-12.3	-35.3	215.2	18.0	10.3	14.7	322.8	324.2	0.4	12.6	22.1	31.
26.3	67.0	6580.4	450.0	-15.3	-42.8	210.0	19.5	9.8	16.9	324.0	324.7	0.2	7.4	23.9	31.
28.0	70.4	7013.3	425.0	-17.4	-48.5	212.3	22.7	12.1	19.2	326.7	327.1	0.1	4.6	26.2	31.
29.8	74.0	7461.7	400.0	-20.8	-46.3	218.1	23.7	14.7	18.7	328.0	328.6	0.1	7.9	28.4	31.
31.7	77.7	7935.2	375.0	-24.8	-49.0	219.7	22.6	14.5	17.4	328.8	329.2	0.1	8.4	30.7	32.
33.3	81.5	8433.2	350.0	-28.9	-51.8	219.6	24.8	15.8	19.1	329.8	330.2	0.1	8.8	33.4	32.
35.3	85.5	8959.1	325.0	-33.2	-56.9	218.3	23.6	14.6	18.5	330.9	331.1	0.1	9.2	36.5	33.
37.5	89.7	9516.0	300.0	-37.9	-58.2	219.7	22.2	14.2	17.1	331.9	332.1	0.0	9.7	39.4	33.
39.8	94.0	10109.9	275.0	-42.3	99.9	218.7	22.7	14.2	17.7	333.9	999.9	99.9	999.9	42.5	34.
42.3	98.7	10748.4	250.0	-46.7	99.9	220.2	21.8	14.1	16.7	336.7	999.9	99.9	999.9	46.0	34.
44.7	103.6	11439.1	225.0	-51.6	99.9	229.0	21.0	15.8	13.8	339.4	999.9	99.9	999.9	48.8	35.
46.9	108.8	12192.6	200.0	-57.8	99.9	222.9	18.5	12.6	13.5	341.2	999.9	99.9	999.9	51.6	36.
49.4	114.8	13025.8	175.0	-62.1	99.9	198.2	17.9	5.6	17.0	347.4	999.9	99.9	999.9	53.6	35.
51.7	121.0	13967.6	150.0	-65.6	99.9	222.0	26.5	17.7	19.7	357.1	999.9	99.9	999.9	56.8	35.
55.4	124.0	15073.0	125.0	-64.4	99.9	231.4	30.8	24.1	19.2	378.4	999.9	99.9	999.9	63.2	37.
60.0	130.0	16451.0	100.0	-60.6	99.9	999.9	99.9	99.9	99.9	410.6	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 39
WICHITA FALLS, TEXAS

9 MAY 1979
1128 GMT

116 96. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.3	302.0	967.5	22.5	14.6	150.0	6.7	-3.4	5.8	298.5	327.5	10.9	81.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	10.7	460.4	950.0	22.0	99.9	154.8	11.6	-4.9	10.5	299.5	999.9	99.9	999.9	0.3	337.
1.4	12.9	639.4	925.0	19.6	99.9	162.4	16.4	-5.0	15.6	299.4	999.9	99.9	999.9	1.0	338.
2.0	15.1	926.3	900.0	17.7	16.2	169.0	20.6	-3.9	20.2	299.8	336.4	13.0	90.8	1.7	341.
2.9	17.3	1157.4	875.0	15.9	14.3	178.8	20.5	-0.6	20.5	300.3	333.1	12.3	93.5	2.7	346.
3.7	19.6	1414.2	850.0	14.5	11.4	188.8	22.7	3.5	22.4	301.3	329.5	10.4	86.3	3.8	351.
4.5	21.9	1667.5	825.0	20.0	-16.1	199.9	22.1	7.5	20.8	309.8	314.6	1.6	10.4	4.9	356.
5.2	24.3	1933.9	800.0	22.8	20.9	202.2	19.3	7.1	17.9	315.9	3.6.2	0.2	4.0	5.7	1.
5.7	26.7	2201.8	775.0	21.7	-25.7	202.8	15.7	6.1	14.5	317.2	317.9	0.2	1.0	6.6	4.
7.0	29.1	2470.0	750.0	19.6	-39.1	200.7	15.7	5.3	15.8	317.0	318.3	0.2	1.0	7.3	6.
7.9	31.5	2743.1	725.0	17.6	-99.9	199.9	15.1	5.1	14.2	317.7	318.2	0.2	1.0	8.1	7.
8.0	36.1	3275.1	675.0	13.7	-99.9	199.9	14.3	5.0	13.4	317.6	318.2	0.1	1.0	9.9	8.
9.3	40.6	3814.5	625.0	10.8	-99.9	200.1	15.1	5.2	14.2	318.7	318.4	0.2	1.5	10.9	10.
10.9	39.1	3644.7	640.0	9.2	-99.9	202.2	14.5	5.5	13.4	317.9	19.3	0.1	1.1	10.8	11.
11.7	44.M	4194.0	590.0	4.0	-99.9	205.7	13.0	5.5	11.9	317.0	318.8	0.1	1.4	11.6	12.
12.1	44.4	4194.0	590.0	4.0	-99.9	211.1	12.2	6.4	10.3	318.2	317.5	0.1	1.0	12.6	13.
12.2	47.1	4468.2	565.0	2.5	-99.9	206.1	12.7	7.0	11.0	319.5	319.5	0.1	1.0	13.3	14.
13.6	49.9	5237.7	540.0	-5.1	-99.9	203.7	12.4	7.2	10.1	320.5	320.7	0.1	1.0	14.1	15.
14.8	52.8	5493.6	515.0	-8.0	-99.9	203.5	12.0	6.7	10.0	321.0	321.0	0.0	1.0	15.1	16.
15.3	55.8	5783.5	490.0	-9.6	-99.9	202.5	11.8	6.8	9.7	322.2	322.2	0.0	1.0	16.2	17.
19.6	54.6	6177.4	475.0	-17.2	-57.7	211.8	11.0	5.5	9.5	322.9	323.6	0.0	1.0	17.3	18.
21.1	61.7	6586.7	450.0	-19.4	-57.7	217.3	10.7	6.4	8.6	325.9	324.0	0.0	1.0	18.3	19.
22.7	64.8	7017.6	425.0	-19.3	-62.2	20.1	11.6	5.3	10.4	324.3	324.4	0.0	1.0	19.0	18.
24.2	68.0	7464.3	400.0	-21.4	-64.8	210.3	12.1	6.1	10.4	324.6	324.7	0.0	1.0	20.2	16.
25.8	71.3	7933.4	375.0	-26.8	-67.1	216.8	13.0	7.8	10.4	326.1	326.2	0.0	1.0	21.3	17.
27.6	74.8	8425.3	350.0	-29.8	-69.1	221.0	15.2	10.0	11.5	328.6	328.6	0.0	1.0	22.6	19.
29.4	78.3	8953.6	325.0	-33.5	-71.3	216.8	17.2	10.3	13.8	330.5	330.5	0.0	1.0	24.3	20.
31.4	82.1	9509.6	300.0	-38.3	-71.9	216.4	17.0	10.1	13.7	331.4	331.4	0.0	1.6	26.3	21.
11.5	86.0	10101.9	275.0	-41.2	-99.9	220.7	15.8	10.3	12.0	332.6	999.9	99.9	999.9	28.3	23.
31.7	90.2	10736.2	250.0	-40.3	-99.9	227.4	14.2	9.5	10.5	334.7	999.9	99.9	999.9	30.2	24.
38.3	94.5	11423.1	225.0	-53.4	99.9	222.3	13.9	9.4	10.3	336.7	999.9	99.9	999.9	32.2	25.
41.0	99.2	12169.7	200.0	-58.9	99.9	220.5	17.4	13.2	11.3	339.6	999.9	99.9	999.9	34.6	26.
43.6	104.3	12977.5	175.0	-61.4	99.9	230.1	21.9	18.2	12.1	348.6	999.9	99.9	999.9	37.2	29.
46.8	109.8	13867.4	150.0	-60.4	99.9	225.0	24.0	16.9	17.0	366.0	999.9	99.9	999.9	41.5	31.
50.3	115.8	15030.1	125.0	-68.3	99.9	219.5	23.9	15.2	18.5	379.2	999.9	99.9	999.9	46.6	32.
54.5	122.8	16456.7	100.0	-64.7	99.9	999.9	99.9	99.9	99.9	402.7	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 5 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 39
WICHITA FALLS, TEXAS

9 MAY 1979
1405 GMT

133 63. 8

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	T MP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.4	332.0	970.3	20.5	16.1	180.0	6.2	0.0	6.2	296.2	327.7	12.0	76.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.6	11.1	485.4	950.0	20.2	16.9	163.5	10.3	-2.9	9.9	297.7	331.7	12.9	81.8	0.4	341.
1.4	13.5	715.1	925.0	18.0	16.5	172.0	13.6	-1.9	1 .5	297.7	331.8	12.9	91.1	1.0	344.
2.2	15.9	953.7	900.0	17.6	16.7	185.9	15.4	1.6	15.3	299.7	335.3	13.4	94.0	1.8	350.
3.0	18.3	1191.6	875.0	15.8	14.7	200.1	16.4	5.6	15.4	300.2	333.0	12.3	94.3	2.3	350.
3.7	20.8	1438.3	850.0	15.3	14.4	206.5	17.6	7.8	15.7	302.2	335.3	12.3	94.2	3.0	0.
4.5	23.1	1691.1	825.0	13.0	12.1	206.7	18.2	8.2	16.3	302.3	331.8	10.9	96.6	3.8	9.
5.2	25.8	1950.1	800.0	12.1	11.4	206.0	18.1	7.9	16.3	304.0	333.1	10.7	95.4	4.6	12.
6.3	29.4	2217.1	775.0	15.5	-25.4	200.4	18.4	6.4	17.3	310.5	313.3	0.9	6.8	5.7	14.
7.5	31.0	2495.8	750.0	10.8	-39.7	194.2	15.0	3.7	14.6	314.8	315.4	0.2	1.0	6.9	15.
8.8	33.7	2783.5	725.0	15.9	-40.2	192.9	16.7	3.7	16.3	316.9	317.5	0.2	1.0	8.1	15.
9.7	36.3	3079.5	700.0	13.7	-41.5	194.7	16.3	4.1	15.8	317.6	318.1	0.1	1.0	9.1	14.
10.8	39.1	3383.6	675.0	10.8	-43.3	195.7	16.2	4.4	15.0	317.8	318.2	0.1	1.0	10.1	15.
11.9	41.9	3695.9	650.0	8.1	-44.9	197.1	15.8	4.6	15.1	318.2	318.5	0.1	1.0	11.1	15.
13.1	44.7	4017.3	625.0	5.2	-46.8	201.0	15.0	5.4	14.0	318.4	318.7	0.1	1.0	12.2	15.
14.3	47.7	4343.1	600.0	2.0	-48 7	203.6	14.7	5.9	13.5	318.4	318.7	0.1	1.0	13.2	16.
15.4	50.6	4688.9	575.0	-1.4	-50.9	203.5	14.8	5.2	13.8	318.3	318.6	0.1	1.0	14.4	16.
16.7	53.6	5041.2	550.0	-3.9	-52.4	198.7	14.5	3.7	10.9	319.5	319.7	0.1	1.0	15.4	16.
18.3	56.8	5406.0	525.0	-6.4	-54.0	191.4	12.0	2.4	11.8	320.7	320.9	0.0	1.0	16.3	16.
19.6	59.9	5785.1	500.0	-9.2	-55.7	187.9	14.7	2.0	14.5	321.8	322.0	0.0	1.0	17.5	16.
21.1	63.1	6179.0	475.0	-12.3	-57.7	188.2	14.9	2.1	14.7	322.7	322.9	0.0	1.0	18.8	15.
22.5	66.5	6590.1	450.0	-15.0	-59.4	188.9	15.4	2.4	15.2	324.4	324.5	0.0	1.0	20.0	15.
24.1	70.0	7019.2	425.0	-18.7	-61.8	194.1	15.6	3.8	15.0	325.1	325.1	0.0	1.0	21.4	15.
25.6	73.5	7468.6	400.0	-21.5	-63.6	212.2	14.9	7.9	12.6	327.1	327.1	0.0	1.0	22.8	15.
27.5	77.2	7941.2	375.0	-24.9	-65.8	222.5	15.3	10.4	11.3	328.7	328.7	0.0	1.0	24.3	17.
29.1	81.0	8438.4	350.0	-29.3	-68.7	224.2	16.6	11.5	11.9	329.2	329.3	0.0	1.0	25.9	18.
31.3	85.0	8964.1	325.0	-33.0	-71.2	219.1	17.3	10.9	13.5	331.2	331.2	0.0	1.0	27.7	20.
33.5	89.2	9522.3	300.0	-37.8	-74.3	211.0	17.9	9.2	15.4	332.1	332.1	0.0	1.0	30.0	21.
35.8	93.6	10115.1	275.0	-43.1	99.9	215.5	17.0	9.9	13.8	332.9	999.9	99.9	999.9	32.3	22.
38.2	98.2	10753.9	250.0	-47.7	99.9	220.8	15.6	10.2	11.8	335.2	999.9	99.9	999.9	34.7	23.
40.9	103.2	11434.1	225.0	-51.3	99.9		16.4	11.3	14.5	336.9	999.9	99.9	999.9	37.2	24.
43.6	108.4	12167.1	200.0	-56.6	99.9		17.5	9.5	14.7	339.9	999.9	99.9	999.9	40.1	25.
46.4	114.3	13018.3	175.0	-50.3	99.9	7	20.9	16.9	12.4	340.4	999.9	99.9	999.9	43.2	26.
49.6	120.5	13986.2	150.0	-60.6	99.9	. 4	20.4	15.8	13.9	345.7	999.9	99.9	999.9	46.7	29.
53.6	127.3	15111.1	125.0	-62.1	99.9	216.2	23.1	13.0	19.1	382.5	999.9	99.9	999.9	51.7	30.
58.2	135.3	16492.6	100.0	-63.7	99.9	999.9	99.9	99.9	99.9	404.7	999.9	99.9	999.9	58.5	30.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 39
WICHITA FALLS, TEXAS

9 MAY 1979
1705 GMT

130 93. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.5	302.0	969.1	27.0	17.5	160.0	12.9	-4.4	12.1	302.9	338.2	13.1	56.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	11.1	477.7	950.0	24.2	19.6	138.9	15.9	-10.5	12.0	301.8	342.5	15.3	75.2	0.5	328.
1.1	13.5	710.5	925.0	21.2	18.5	143.8	11.1	-6.6	9.9	301.0	340.1	14.7	84.5	1.0	323.
1.8	15.9	944.5	900.0	20.1	19.1	158.4	9.9	-3.7	9.2	302.3	344.2	15.7	93.9	1.3	325.
2.4	18.3	1191.2	875.0	17.1	16.2	174.6	14.5	-1.4	14.4	301.5	337.4	13.4	94.7	1.8	331.
3.4	20.8	1439.4	850.0	16.8	15.4	198.8	16.5	5.3	15.6	303.7	339.3	13.1	91.9	2.6	343.
4.4	23.3	1695.1	825.0	17.6	12.2	214.4	12.6	7.1	10.4	307.2	337.5	10.9	78.8	3.3	355.
5.2	25.8	1959.1	800.0	19.7	3.4	202.8	10.3	4.0	9.5	312.1	330.3	6.3	35.4	3.8	360.
6.0	28.4	2233.8	775.0	22.1	-6.3	199.2	12.7	4.2	12.0	317.5	327.1	3.1	14.3	4.3	2.
6.8	31.0	2516.5	750.0	19.5	-8.2	198.5	16.5	5.2	15.7	317.7	326.3	2.7	14.5	4.9	5.
7.7	33.6	2806.7	725.0	17.3	-11.2	193.2	17.1	3.9	16.7	318.5	325.5	2.2	13.1	5.9	6.
8.7	36.2	3104.3	700.0	14.9	-14.6	193.5	16.7	3.9	16.3	319.0	324.7	1.8	11.6	6.8	7.
9.6	39.0	3409.2	675.0	12.1	-16.5	193.7	15.6	3.7	15.1	319.2	324.2	1.6	11.9	7.7	8.
10.6	41.8	3723.5	650.0	9.0	-18.6	190.4	16.1	2.9	15.9	319.2	323.6	1.3	12.2	8.7	8.
11.6	44.6	4046.7	625.0	6.3	-19.8	185.9	15.8	1.6	15.7	319.7	323.9	1.3	13.3	9.8	8.
12.6	47.5	4378.7	600.0	2.7	-20.9	182.6	15.3	0.7	15.3	319.3	323.2	1.2	15.6	10.6	8.
13.8	50.5	4721.0	575.0	-0.7	-21.1	181.4	13.7	0.3	13.7	319.2	323.3	1.2	19.5	11.6	7.
15.0	53.4	5074.0	550.0	-3.8	-24.2	182.2	14.7	0.6	14.7	319.6	322.9	1.0	18.9	12.6	7.
16.2	56.6	5439.4	525.0	-6.3	-32.0	182.7	16.4	0.8	16.3	320.8	322.6	0.5	11.0	13.7	7.
17.5	59.8	5819.1	500.0	-8.8	-34.8	184.7	16.3	1.3	16.2	322.4	323.8	0.4	10.0	15.0	6.
18.8	63.0	6213.8	475.0	-11.9	-36.9	195.1	20.2	5.3	19.5	323.3	324.5	0.3	10.3	16.4	6.
20.1	66.3	6625.7	450.0	-14.9	-40.7	204.6	18.5	6.9	17.0	324.5	325.3	0.2	8.9	17.9	8.
21.5	69.8	7055.5	425.0	-18.3	-43.0	202.5	15.5	6.0	14.4	325.5	326.3	0.2	9.3	19.1	9.
22.9	73.3	7505.7	400.0	-21.0	-44.9	209.1	17.2	8.4	15.0	327.7	328.4	0.2	9.5	20.4	10.
24.4	77.0	7979.0	375.0	-24.3	-47.2	210.0	20.0	10.0	17.3	329.5	330.0	0.1	9.9	21.9	11.
26.0	80.8	8478.9	350.0	-27.6	-48.5	212.5	19.7	10.6	16.6	331.6	332.1	0.1	11.8	23.8	13.
27.8	85.0	9036.8	325.0	-32.4	-51.8	211.9	21.1	11.2	17.9	332.1	332.4	0.1	12.3	25.9	15.
29.6	89.0	9566.8	300.0	-36.7	-55.1	215.9	19.9	11.7	16.1	333.7	334.0	0.1	12.7	27.8	16.
31.3	93.5	10162.5	275.0	-42.3	99.9	218.3	19.7	12.2	15.4	333.9	999.9	99.9	999.9	29.8	17.
33.3	98.0	10800.1	250.0	-46.7	99.9	212.7	19.8	10.7	16.6	336.7	999.9	99.9	999.9	32.0	19.
35.5	103.0	11469.2	225.0	-52.3	99.9	216.1	22.3	13.1	18.0	338.4	999.9	99.9	999.9	34.7	20.
37.5	108.2	12241.0	200.0	-58.4	99.9	219.2	24.3	15.4	18.8	340.2	999.9	99.9	999.9	37.8	21.
40.3	114.0	13071.4	175.0	-61.6	99.9	223.5	25.7	19.5	16.7	348.3	999.9	99.9	999.9	41.3	24.
43.1	120.3	14031.8	150.0	-59.9	99.9	217.8	25.2	15.4	19.9	366.9	999.9	99.9	999.9	45.2	26.
46.5	127.3	15171.1	125.0	-61.3	99.9	211.5	24.6	12.8	20.9	384.0	999.9	99.9	999.9	50.1	26.
50.4	135.7	16544.2	100.0	-63.5	99.9	999.9	99.9	99.9	99.9	403.1	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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STATION NO. 39
WICHITA FALLS, TEXAS

9 MAY 1979
2020 GMT

129 100. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.9	302.0	987.6	27.5	18.5	160.0	11.3	-3.9	10.6	303.5	341.3	14.0	58.0	0.0	0.
9.9	9.9	9.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
1.4	11.4	465.1	950.0	26.0	19.5	136.4	13.0	-8.9	9.4	333.6	344.6	15.3	67.7	0.5	330.
1.9	13.9	699.5	925.0	23.0	18.5	140.3	12.9	-8.3	9.9	302.8	342.2	14.7	75.8	0.9	324.
1.6	16.3	937.1	900.0	21.3	19.2	147.5	11.4	-6.1	9.6	303.4	345.7	15.8	87.8	1.4	324.
2.5	18.9	1182.8	875.0	18.6	17.5	157.9	12.8	-4.8	11.8	303.1	342.3	14.6	93.3	1.9	327.
3.2	21.3	1432.4	850.0	17.2	16.4	170.1	13.2	-2.3	13.0	304.2	342.0	14.0	95.0	2.5	331.
4.1	23.9	1687.0	825.0	14.9	14.2	181.2	12.6	0.3	12.5	304.4	338.3	12.5	95.8	3.1	336.
5.1	26.5	1948.2	800.0	14.1	13.1	188.4	12.8	1.9	12.7	306.2	339.0	12.0	94.0	3.9	342.
6.1	29.1	2216.2	775.0	10.8	-36.3	194.3	13.3	3.3	12.9	314.0	314.8	0.2	1.2	4.5	347.
7.0	31.8	2497.5	750.0	10.5	-36.5	189.3	15.9	2.6	15.7	317.8	318.6	0.2	1.2	5.2	351.
7.9	34.6	2787.1	725.0	17.1	-36.0	186.0	16.7	1.7	16.6	318.2	319.0	0.2	1.4	6.1	353.
8.9	37.2	3084.4	700.0	15.2	-35.9	186.6	16.4	1.9	16.2	319.4	320.3	0.3	1.6	6.9	354.
9.9	39.9	3389.5	675.0	11.8	-36.1	187.8	17.3	2.4	17.2	318.8	319.8	0.3	2.0	8.0	356.
11.4	42.8	3703.3	650.0	9.1	-36.6	192.1	16.8	3.5	16.4	319.3	320.2	0.3	2.3	9.0	358.
12.3	45.6	4025.9	625.0	6.2	-37.3	197.2	16.5	4.9	15.7	319.6	320.5	0.2	2.6	10.1	360.
13.1	48.6	4358.0	600.0	3.0	-38.2	201.2	17.6	6.4	16.4	319.6	320.4	0.2	2.9	11.2	1.
14.4	51.6	4700.6	575.0	0.1	-39.3	206.7	18.7	7.5	16.9	320.1	320.9	0.2	3.2	12.3	4.
15.6	54.6	5054.0	550.0	-3.2	-40.6	203.5	18.4	7.3	16.9	320.3	321.0	0.2	3.6	13.6	6.
16.3	57.8	5419.4	525.0	-6.5	-42.1	196.9	19.1	5.6	18.3	320.6	321.3	0.2	3.9	14.9	7.
16.3	61.0	5798.5	500.0	-9.6	-43.6	193.5	17.8	4.2	17.3	321.3	321.9	0.2	4.3	16.2	8.
17.3	64.3	6193.2	475.0	-11.9	-44.7	193.9	16.5	4.0	16.0	323.3	323.8	0.1	4.5	17.6	8.
20.9	67.6	6604.3	450.0	-15.0	-46.4	195.2	15.5	4.1	15.0	324.4	324.9	0.1	4.8	19.0	9.
22.4	71.1	7034.1	425.0	-18.0	-48.0	202.6	17.7	6.8	16.3	325.9	326.4	0.1	5.2	20.8	9.
23.9	74.7	7484.8	400.0	-21.1	-49.8	210.9	20.0	10.3	17.2	327.6	327.9	0.1	5.5	22.1	11.
25.6	78.4	7956.5	375.0	-24.2	-51.7	212.0	20.1	10.7	17.0	329.6	329.9	0.1	5.8	24.0	12.
27.4	82.3	8457.3	350.0	-28.4	-54.2	219.2	21.4	13.5	16.6	330.5	330.8	0.1	6.3	26.1	14.
29.3	86.2	8983.9	325.0	-32.4	-56.1	224.2	22.2	15.5	15.9	332.0	332.2	0.1	7.3	28.4	17.
31.5	90.5	9543.1	300.0	-37.2	-59.1	219.3	23.0	14.5	17.8	332.9	333.1	0.0	8.1	31.1	19.
33.7	94.8	10137.7	275.0	-41.9	99.9	219.4	21.1	13.4	16.3	334.5	999.9	99.9	999.9	33.8	21.
36.1	99.6	10775.6	250.0	-47.2	99.9	221.4	20.3	13.4	15.2	335.9	999.9	99.9	999.9	36.7	22.
39.6	104.5	11463.3	225.0	-53.2	99.9	226.2	20.7	14.1	14.3	337.0	999.9	99.9	999.9	39.4	24.
41.2	109.8	12213.0	200.0	-58.6	99.9	224.2	22.9	16.1	16.4	340.0	999.9	99.9	999.9	42.6	26.
44.2	115.8	13041.7	175.0	-62.7	99.9	226.8	31.1	22.7	21.3	346.4	999.9	99.9	999.9	46.7	28.
47.3	122.0	14002.8	150.0	-60.4	99.9	215.7	28.5	16.5	23.1	366.1	999.9	99.9	999.9	52.5	29.
50.8	129.0	15140.6	125.0	-61.9	99.9	216.4	26.7	15.3	21.5	382.9	999.9	99.9	999.9	58.4	30.
55.0	137.0	16516.1	100.0	-60.6	99.9	999.9	99.9	99.9	99.9	410.6	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 39
WICHITA FALLS, TEXAS

10 MAY 1979
205 GMT

129 100. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.7	302.0	976.6	24.3	19.6	160.0	7.7	-2.6	7.2	300.4	340.2	15.0	75.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	11.2	454.6	950.0	24.0	20.5	140.5	12.1	-7.7	9.3	301.5	344.6	16.2	81.1	0.5	322.
1.3	13.7	687.4	925.0	21.1	19.0	145.1	17.5	-10.0	14.4	300.9	341.2	15.2	88.1	1.1	322.
2.0	16.1	925.3	900.0	20.3	19.2	152.3	20.4	-9.5	18.1	302.5	344.7	15.8	93.4	2.0	325.
2.9	18.6	1168.9	875.0	19.0	17.7	161.3	20.4	-6.5	19.3	303.5	343.2	14..	92.0	3.1	329.
3.8	21.2	1418.5	850.0	17.8	16.1	169.4	18.7	-3.4	18.4	304.8	342.1	13.7	89.7	4.0	333.
4.7	23.7	1673.5	825.0	14.9	13.6	175.4	18.2	-1.8	18.1	304.3	336.9	12.0	91.9	5.0	337.
5.6	26.3	1935.1	800.0	19.0	-14.4	191.5	15.6	3.1	15.3	311.4	319.0	2.6	16.1	5.9	341.
6.5	29.0	2209.1	775.0	22.0	-36.5	199.4	16.3	5.5	15.4	317.5	318.3	0.2	1.0	6.5	345.
7.4	31.7	2491.5	750.0	19.3	-33.0	192.9	16.4	3.7	16.0	317.5	318.7	0.3	1.8	7.3	349.
8.3	34.4	2781.0	725.0	17.2	-39.4	193.2	16.6	3.8	16.2	318.3	318.9	0.2	1.0	8.2	354.
9.3	37.1	3077.9	700.0	14.2	-29.3	194.7	17.5	4.4	16.9	318.2	319.9	0.5	3.5	9.1	354.
10.4	40.0	3382.4	675.0	11.3	-43.0	197.3	18.1	5.4	17.3	318.2	318.7	0.1	1.0	10.2	356.
11.5	42.9	3695.4	650.0	8.6	-44.6	198.8	19.5	6.3	18.5	318.7	319.1	0.1	1.0	11.4	359.
12.6	45.8	4017.6	625.0	5.5	-31.2	201.4	19.9	7.2	18.5	318.7	320.3	0.4	5.0	12.6	1.
13.8	48.8	4349.6	600.0	3.3	-32.6	201.5	20.8	7.6	19.3	320.0	321.4	0.4	5.1	14.0	3.
14.9	51.8	4692.1	575.0	-0.4	-35.3	199.2	21.4	7.8	20.2	319.5	320.7	0.3	5.0	15.3	5.
16.0	54.9	5045.8	550.0	-2.6	-39.1	197.8	20.0	6.1	19.0	321.0	321.9	0.2	4.0	16.7	6.
17.3	58.0	5413.3	525.0	-4.6	-48.3	202.4	20.1	7.7	18.6	322.9	323.2	0.1	1.7	18.1	7.
18.5	61.3	5795.5	500.0	-7.5	-51.1	207.3	20.8	9.5	18.5	323.9	324.2	0.1	1.6	19.4	8.
19.6	64.6	6192.3	475.0	-10.4	-49.4	212.7	20.6	11.1	17.3	325.1	325.4	0.1	2.4	20.8	9.
20.8	68.0	6605.1	450.0	-13.8	-48.8	220.1	18.1	11.6	13.8	325.9	326.3	0.1	3.3	22.0	11.
22.3	71.4	7036.7	425.0	-16.9	-47.7	219.4	17.2	10.9	13.3	327.3	327.7	0.1	4.9	23.3	13.
23.8	75.0	7487.8	400.0	-20.8	-45.4	215.4	16.6	10.8	15.2	328.0	328.6	0.2	8.8	24.8	15.
25.3	78.7	7962.6	375.0	-23.7	-53.6	222.4	19.0	12.8	14.0	330.2	330.5	0.1	4.4	26.5	16.
27.1	82.7	8462.2	350.0	-28.0	-52.1	224.0	19.7	13.7	14.2	331.0	331.3	0.1	7.8	28.2	18.
28.8	86.7	8959.5	325.0	-32.2	-54.9	227.6	18.5	13.6	12.5	332.3	332.8	0.1	8.3	30.0	20.
30.8	90.9	9548.9	300.0	-36.0	-58.2	227.0	19.7	14.4	13.4	333.4	333.6	0.0	8.8	32.0	22.
33.0	95.2	10145.3	275.0	-41.7	99.9	221.9	18.8	12.6	14.0	334.8	999.9	99.9	999.9	34.4	23.
35.3	99.8	10783.6	253.0	-47.1	99.9	220.4	18.8	12.2	14.3	336.1	999.9	99.9	999.9	36.8	24.
37.7	104.8	11471.4	225.0	-53.3	99.9	225.4	18.5	13.2	13.0	336.9	999.9	99.9	999.9	39.5	26.
40.5	110.0	12219.0	200.0	-59.4	99.9	229.0	22.0	16.6	14.5	338.7	999.9	99.9	999.9	42.3	27.
43.1	115.8	13044.0	175.0	-64.9	99.9	234.7	24.1	19.6	13.9	343.0	999.9	99.9	999.9	45.8	29.
46.2	122.0	14003.1	150.0	-60.5	99.9	226.4	25.7	18.6	17.7	365.9	999.9	99.9	999.9	50.2	31.
50.0	129.0	15133.6	125.0	-64.0	99.9	222.8	24.5	16.6	18.0	379.1	999.9	99.9	999.9	55.6	33.
54.5	137.0	16490.6	100.0	-65.6	99.9	999.9	99.9	99.9	99.9	401.0	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 39
WICHITA FALLS, TEXAS

10 MAY 1979
505 GMT

44 560. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.6	302.0	967.2	23.5	20.0	160.0	10.3	-3.5	9.7	299.5	340.3	15.5	81.8	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	11.0	459.4	950.0	23.0	20.5	156.3	14.6	-5.9	13.4	300.5	343.5	16.3	86.8	0.5	344.
1.3	13.4	692.5	925.0	21.3	20.0	159.9	17.6	-6.1	16.5	301.1	344.0	16.2	92.5	1.3	340.
2.0	15.8	929.9	900.0	19.3	18.4	164.5	21.1	-5.6	20.3	301.4	341.3	15.0	94.7	2.1	341.
2.7	18.3	1172.6	875.0	17.8	17.0	167.0	23.2	-5.2	22.6	302.3	340.0	14.1	94.9	2.9	342.
3.3	20.7	1421.0	850.0	16.6	15.9	169.7	20.7	-3.7	20.4	303.6	340.1	13.5	95.3	3.8	343.
4.2	23.2	1675.8	825.0	15.5	13.2	173.7	19.2	-2.1	19.0	305.0	337.2	11.8	86.9	4.8	345.
5.2	25.7	1934.2	800.0	17.2	-0.6	184.6	17.8	1.4	17.7	309.5	323.9	5.0	32.6	5.9	347.
6.2	28.2	2210.4	775.0	20.2	-37.6	200.7	18.4	6.5	17.2	315.5	316.2	0.2	1.0	6.9	352.
7.3	31.9	2491.3	750.0	18.5	-38.6	201.1	17.3	6.2	16.2	316.7	317.3	0.2	1.0	7.9	356.
8.3	33.5	2780.4	725.0	16.8	-39.7	199.1	18.3	6.0	17.3	317.9	318.5	0.2	1.0	8.9	359.
9.2	36.1	3076.9	700.0	14.1	-41.3	200.6	19.1	6.7	17.9	318.1	318.6	0.1	1.0	9.9	1.
10.5	39.9	3381.5	675.0	11.4	-42.9	198.2	19.8	6.2	18.9	318.4	318.9	0.1	1.0	11.2	3.
11.5	41.7	3694.5	650.0	8.6	-44.6	193.1	23.0	5.2	22.4	318.7	319.1	0.1	1.0	12.6	5.
12.6	44.4	4018.5	625.0	5.7	-46.4	192.5	21.0	4.5	20.5	319.0	319.4	0.1	1.0	14.0	5.
13.8	47.3	4348.0	600.0	2.8	-48.2	999.9	99.9	99.9	99.9	319.4	319.7	0.1	1.0	999.9	999.
14.9	50.3	4690.5	575.0	0.7	-49.5	999.9	99.9	99.9	99.9	320.8	321.1	0.1	1.0	999.9	999.
99.9	99.9	99.9	550.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	525.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	500.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	475.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	450.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	425.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	400.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	375.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	350.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	325.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	300.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	275.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	250.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	225.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	200.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

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STATION NO. 39
WICHITA FALLS, TEXAS

10 MAY 1979
809 GMT

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	EX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.6	302.0	969.3	20.1	19.6	230.0	5.1	3.9	3.3	299.9	339.6	15.0	76.0	0.0	0.
99.9	99.9	99.9	1230.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	775.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.
1.6	11.3	4755.5	550.0	25.1	20.7	244.9	6.9	0.6	6.9	309.3	342.3	15.7	82.5	0.2	26.
1.4	13.7	7111.	325.0	20.3	19.6	156.6	10.7	3.2	10.1	300.5	3[illegible]	[illegible]	92.9	0.6	13.
1.6	15.1	9411.6	200.0	19.4	19.5	191.4	12.3	2.4	12.1	334.5	[illegible]	15.1	96.7	1.1	10.
2.9	18.6	11911.3	125.0	17.6	16.5	200.7	15.7	5.5	14.6	332.1	3[illegible]	13.9	94.9	1.9	13.
3.9	21.1	14314.4	90.0	16.5	15.7	203.1	18.1	8.0	16.3	333.6	370.5	13.6	95.0	2.9	17.
4.9	23.6	16913.2	825.0	14.7	13.4	207.0	18.1	8.2	16.1	334.1	337.4	12.2	95.0	3.8	20.
6.0	26.1	1954.5	800.0	13.5	12.8	212.7	18.7	10.1	15.7	335.5	337.6	11.7	95.6	5.0	22.
7.2	28.7	2221.9	775.0	11.9	11.2	218.0	17.8	11.0	14.0	336.7	336.7	10.9	95.2	6.4	25.
7.7	31.3	2497.1	750.0	10.9	10.1	221.5	18.1	12.0	13.5	338.4	337.6	10.5	95.0	6.8	26.
8.4	34.0	2779.1	725.0	10.6	-8.4	225.3	18.3	13.0	12.9	311.1	319.5	2.8	25.6	7.9	28.
9.8	36.7	3372.5	700.0	11.9	-42.6	224.5	17.6	12.3	12.6	315.7	316.1	0.1	1.0	9.0	31.
10.8	39.4	3374.9	675.0	9.6	-44.0	224.2	17.8	12.4	12.8	316.4	316.8	0.1	1.0	10.1	32.
11.8	42.2	3686.0	650.0	7.1	-45.5	221.1	17.4	11.4	13.1	317.0	317.4	0.1	1.0	11.2	33.
12.8	45.0	4006.5	625.0	4.7	-47.0	218.7	15.8	9.4	12.6	317.9	318.2	0.1	1.0	12.1	34.
13.7	48.0	4336.8	600.0	1.6	-49.0	211.7	17.6	9.2	15.0	317.9	318.2	0.1	1.0	13.0	34.
14.7	50.9	4677.5	575.0	-1.5	-50.9	205.8	17.7	7.7	16.0	318.3	318.5	0.1	1.0	14.0	33.
15.8	54.0	5029.1	550.0	-4.8	-52.8	200.9	19.1	6.8	17.8	318.7	318.9	0.0	1.0	15.3	32.
17.0	57.1	5393.1	525.0	-7.3	-54.5	196.3	20.1	5.7	19.3	319.6	319.8	0.0	1.0	16.7	31.
18.3	60.3	5772.0	500.0	-9.2	-55.8	192.0	19.0	3.9	18.6	321.8	322.0	0.0	1.0	18.2	30.
20.0	63.6	6166.3	475.0	-11.4	-57.1	191.4	18.6	3.7	18.3	323.2	324.0	0.0	1.0	19.9	28.
21.9	66.9	6579.2	450.0	-12.2	-57.7	188.9	20.5	3.2	20.2	327.2	328.0	0.0	1.0	21.9	26.
23.3	70.3	7014.6	425.0	-15.3	-59.6	192.3	22.3	4.7	21.8	329.3	329.4	0.0	1.0	23.8	25.
24.7	73.9	7469.1	400.0	-18.8	-61.8	197.4	21.9	6.5	20.9	330.6	330.7	0.0	1.0	25.6	24.
26.3	77.6	7946.6	375.0	-22.6	-64.4	199.7	21.3	7.2	20.0	331.6	331.7	0.0	1.0	27.7	24.
28.2	81.4	8449.6	350.0	-26.5	-66.9	202.9	21.0	8.2	19.3	333.1	333.1	0.0	1.0	30.0	24.
30.5	85.3	8977.4	325.0	-30.4	-69.5	203.0	20.9	7.8	18.4	334.8	334.8	0.0	1.0	32.4	24.
33.2	89.7	9542.6	300.0	-35.6	-72.9	200.9	19.0	6.6	17.7	335.2	335.2	0.0	1.0	36.0	24.
35.6	94.2	10141.5	275.0	-43.5	93.9	203.1	19.7	7.1	18.1	336.5	999.9	99.9	999.9	38.6	23.
37.5	98.8	10783.3	250.0	-45.9	99.9	210.5	22.7	11.5	19.5	337.8	999.9	99.9	999.9	41.1	24.
39.4	103.6	11475.3	225.0	-51.4	99.9	217.7	23.2	14.2	18.4	339.7	999.9	99.9	999.9	43.8	24.
41.4	109.0	12227.6	200.0	-58.4	99.9	223.1	22.5	15.4	16.5	340.4	999.9	99.9	999.9	46.4	25.
43.3	114.8	13051.4	175.0	-66.8	99.9	227.6	19.0	14.4	13.1	339.8	999.9	99.9	999.9	48.6	26.
46.6	121.0	13996.1	150.0	-59.8	99.9	233.4	25.5	20.5	15.2	367.1	999.9	99.9	999.9	52.2	28.
50.2	128.0	15121.2	125.0	-65.8	99.9	220.7	22.8	14.9	17.3	375.8	999.9	99.9	999.9	57.7	30.
55.8	136.0	16455.8	100.0	-70.8	99.9	999.9	99.9	99.9	99.9	390.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 39
WICHITA FALLS, TEXAS

10 MAY 1979
1105 GMT

123 98. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.3	302.0	969.1	22.0	20.3	160.0	7.7	-2.6	7.2	297.8	338.8	15.7	90.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.
0.5	10.9	476.0	950.0	22.4	20.0	162.6	12.5	-3.8	12.0	299.9	341.3	15.7	85.4	0.4	332.
1.3	13.3	708.4	925.0	20.7	18.7	169.8	14.0	-2.5	13.7	300.4	340.0	14.9	88.8	1.0	339.
2.3	15.5	945.9	900.0	19.7	18.0	183.8	15.5	1.0	15.5	301.8	340.7	14.6	89.7	1.7	346.
3.8	17.9	1188.9	875.0	18.3	16.7	196.9	16.4	4.8	15.7	302.8	339.8	13.8	90.3	2.4	354.
5.5	20.3	1436.0	850.0	17.0	15.8	204.5	15.7	6.5	14.3	304.0	340.3	13.4	92.4	3.0	360.
6.4	22.7	1693.0	825.0	15.5	14.4	216.2	14.8	8.8	12.0	305.0	339.3	12.6	93.0	3.7	6.
5.3	25.2	1954.2	800.0	14.0	12.9	219.8	16.4	10.5	12.6	306.0	338.3	11.8	93.1	4.4	12.
6.3	27.6	2222.6	775.0	12.5	11.4	218.8	16.3	10.2	12.7	307.3	337.9	11.1	93.0	5.1	16.
6.8	30.1	2497.5	750.0	10.4	7.2	218.6	16.4	10.2	12.8	307.9	331.9	8.5	80.5	5.8	19.
7.7	32.6	2780.5	725.0	10.2	5.0	217.4	17.0	10.3	13.5	310.6	332.3	7.6	70.3	6.7	22.
8.7	35.2	3071.9	700.0	8.8	-1.1	212.3	18.1	9.7	15.3	312.3	327.3	5.1	50.4	7.6	23.
9.6	37.8	3372.9	675.0	8.5	-12.9	206.8	18.7	8.4	16.7	315.2	321.8	2.1	20.6	8.7	24.
10.6	40.6	3683.1	650.0	5.8	-18.3	207.2	17.8	8.1	15.9	315.5	320.1	1.4	16.2	9.8	24.
11.6	43.2	4002.4	625.0	3.4	-22.5	209.9	16.5	8.2	14.3	316.3	319.6	1.0	12.9	10.8	25.
12.7	46.0	4331.4	600.0	0.3	-28.1	210.1	15.9	8.0	13.8	316.4	318.6	0.6	9.7	11.8	25.
13.8	48.9	4670.8	575.0	-2.8	-27.9	211.4	18.4	9.6	15.7	317.9	319.2	0.7	12.1	12.9	26.
15.0	51.9	5021.3	550.0	-5.0	-31.4	208.7	19.4	9.3	17.0	318.2	319.9	0.5	10.4	14.4	26.
16.3	54.9	5385.6	525.0	-6.7	-33.3	199.0	20.1	6.6	19.0	320.3	321.9	0.4	9.9	15.9	26.
17.6	57.9	5764.8	500.0	-9.0	-53.3	199.9	21.8	7.4	20.5	322.0	322.2	0.1	1.3	17.5	25.
19.2	61.0	6153.4	475.0	-13.2	-40.8	206.6	24.0	10.7	21.5	321.7	322.5	0.2	7.6	19.6	25.
20.8	64.3	6568.4	450.0	-15.6	-39.6	215.7	25.1	14.6	20.4	323.6	324.6	0.3	10.7	21.8	26.
22.3	67.6	6998.2	425.0	-17.1	-55.8	217.2	25.7	15.5	20.5	327.1	327.3	0.1	2.5	24.3	27.
23.9	71.1	7450.2	400.0	-20.3	-62.9	211.4	23.7	12.3	20.2	328.6	328.7	0.0	1.0	26.6	28.
25.6	74.8	7924.3	375.0	-24.3	-65.4	205.9	21.8	9.5	19.6	329.5	329.5	0.0	1.0	29.0	28.
27.4	78.3	8423.8	350.0	-27.4	-67.5	208.1	22.0	10.4	19.4	331.8	331.8	0.0	1.0	31.3	27.
29.2	82.2	8951.9	325.0	-32.3	-68.9	212.5	21.2	11.4	17.9	332.2	332.2	0.0	1.6	33.6	28.
31.1	86.2	9510.8	300.0	-37.6	-55.0	215.0	20.2	11.6	16.5	333.2	333.5	0.1	14.1	35.9	28.
33.5	90.4	10106.3	275.0	-42.1	99.9	218.1	21.1	13.3	16.4	336.3	999.9	99.9	999.9	38.9	29.
36.0	94.8	10744.5	250.0	-46.9	99.9	213.1	20.8	11.4	17.4	336.3	999.9	99.9	999.9	42.1	29.
38.3	99.6	11431.8	225.0	-52.8	99.9	210.1	22.1	11.1	19.1	337.6	999.9	99.9	999.9	46.9	29.
40.6	104.8	12182.7	200.0	-59.4	99.9	208.2	27.1	12.8	23.9	338.7	999.9	99.9	999.9	48.0	29.
41.9	110.2	13007.0	175.0	-65.4	99.9	214.5	27.2	15.4	22.4	342.1	999.9	99.9	999.9	51.9	29.
46.1	116.1	13954.5	150.0	-62.3	99.9	228.4	28.9	21.6	19.2	362.8	999.9	99.9	999.9	57.2	31.
50.3	121.0	15073.4	125.0	-66.0	99.9	221.7	26.6	17.6	19.8	375.4	999.9	99.9	999.9	63.5	33.
55.4	130.3	16428.6	100.0	-65.6	99.9	999.9	99.9	99.9	99.9	400.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 10030
MEALDTON,OKLAHOMA

9 MAY 1979
1538 GMT

131 96. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.3	291.0	972.5	23.0	16.1	150.0	6.2	-3.1	5.4	298.5	330.2	11.9	65.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.5	11.5	495.1	950.0	21.2	16.2	163.6	10.5	-3.0	10.0	298.7	331.5	12.4	73.4	0.2	339.
1.3	13.9	725.9	925.0	19.1	15.4	175.4	12.2	-1.0	12.2	299.9	331.6	12.3	81.2	0.7	344.
2.1	16.4	961.7	900.0	17.7	15.3	191.4	14.1	2.8	13.8	299.7	332.4	12.3	85.8	1.3	354.
2.8	18.8	1202.7	875.0	16.4	14.4	204.3	16.2	6.7	14.7	300.8	332.7	11.9	88.1	2.0	2.
3.6	21.4	1449.7	850.0	14.9	13.7	211.3	16.5	8.6	14.1	301.8	333.4	11.7	92.3	2.7	10.
4.4	23.8	1702.8	825.0	13.1	12.0	212.3	15.6	8.3	13.1	302.5	331.7	10.8	93.0	3.4	15.
5.3	26.4	1961.2	800.0	11.7	-9.4	200.2	14.7	5.1	13.7	303.6	320.5	6.2	56.6	4.2	18.
6.2	29.0	2224.2	775.0	16.2	-38.8	192.6	15.9	3.5	15.5	313.4	314.0	0.2	1.0	5.0	17.
7.2	31.7	2509.0	750.0	17.2	-20.1	191.6	15.1	3.0	14.8	315.3	318.6	1.0	6.3	5.9	16.
8.0	34.3	2796.8	725.0	15.7	-21.1	193.6	14.1	3.3	13.7	316.7	319.9	1.0	6.4	6.7	16.
9.0	37.0	3097.4	700.0	13.1	-14.7	200.3	14.8	5.1	13.9	317.1	322.6	1.7	12.9	7.5	16.
10.0	39.9	3396.3	675.0	10.6	-23.2	203.2	13.7	5.4	12.6	317.5	320.4	0.9	7.4	8.3	16.
10.9	42.7	3703.7	650.0	7.9	-23.8	201.9	14.2	5.3	13.2	317.9	320.8	0.9	8.4	9.1	17.
11.9	45.6	4030.0	625.0	4.7	-24.1	200.6	13.2	4.6	12.4	317.9	320.8	0.9	10.1	9.9	17.
13.0	48.6	4363.5	600.0	1.4	-23.2	199.4	13.6	4.5	12.8	317.7	321.0	1.0	14.0	10.8	18.
14.1	51.5	4701.0	575.0	-2.0	-20.9	199.6	14.1	4.7	13.2	317.7	321.8	1.3	21.9	11.7	18.
15.2	54.5	5052.4	550.0	-4.6	-47.9	201.9	14.6	5.4	13.5	318.6	319.0	0.1	2.8	12.6	18.
16.4	57.6	5416.3	525.0	-7.4	-52.2	200.3	15.3	5.3	14.3	319.5	319.7	0.1	1.4	13.7	18.
17.6	60.9	5794.4	500.0	-9.7	-56.1	197.2	14.2	4.2	13.6	321.2	321.3	0.0	1.0	14.8	18.
18.9	64.1	6188.0	475.0	-12.7	-58.0	192.1	13.2	2.8	12.9	322.3	322.4	0.0	1.0	15.9	18.
20.2	67.4	6598.1	450.0	-15.7	-59.9	191.4	10.6	2.1	10.4	323.5	323.6	0.0	1.0	16.7	18.
21.4	70.9	7026.3	425.0	-18.8	-58.7	194.8	10.8	2.8	10.4	324.9	325.0	0.0	1.5	17.6	17.
23.2	74.4	7475.5	400.0	-21.4	-62.6	207.6	12.7	5.9	11.2	327.2	327.3	0.0	1.1	18.7	18.
24.8	78.2	7947.8	375.0	-25.2	-66.0	224.9	12.8	9.0	9.1	328.2	328.3	0.0	1.0	19.9	19.
26.7	82.1	8445.2	350.0	-29.1	-69.6	233.7	13.9	11.2	8.2	329.6	329.6	0.0	1.0	21.1	21.
28.7	86.2	8970.1	325.0	-33.6	-67.5	230.2	15.3	11.8	9.8	330.4	330.5	0.0	1.8	22.6	23.
30.7	90.3	9526.8	300.0	-37.8	-65.3	223.7	14.2	9.8	10.3	332.0	332.1	0.0	3.8	24.3	25.
32.8	94.7	10120.1	275.0	-42.6	99.9	223.9	14.5	10.0	10.4	333.3	999.9	99.9	999.9	26.0	26.
35.3	99.4	10757.1	250.0	-47.4	99.9	225.6	15.7	11.2	11.0	335.7	999.9	99.9	999.9	27.9	27.
37.2	104.4	11444.8	225.0	-53.2	99.9	235.2	16.0	13.2	9.1	336.9	999.9	99.9	999.9	29.9	29.
39.8	109.6	12192.7	200.0	-59.2	99.9	235.5	17.3	14.2	9.8	339.1	999.9	99.9	999.9	32.2	31.
42.6	115.5	13026.2	175.0	-58.2	99.9	242.4	19.8	17.5	9.2	353.9	999.9	99.9	999.9	35.0	34.
45.7	121.8	13934.2	150.0	-60.3	99.9	225.1	18.7	13.2	13.2	366.3	999.9	99.9	999.9	38.1	35.
49.4	129.0	15128.1	125.0	-61.3	99.9	225.1	20.6	14.6	14.5	384.1	999.9	99.9	999.9	42.5	36.
53.5	137.0	16505.0	100.0	-63.5	99.9	999.9	99.9	99.9	99.9	405.1	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 18 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

APPENDIX II

AVE-SESAME IV Sounding Data

with Abnormal Characteristics

Presented at 25-mb Intervals

STATION NO. 20
OKLAHOMA

9 MAY
1958 GMT

130 98. 0

TIME MIN	C.TCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.7	312.0	988.4	19.9	10.1	999.9	99.9	99.9	99.9	295.8	328.9	12.7	83.0	999.9	999.
99.9	99.9	99.9	1000.0	99.9	99.9	99.	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	11.4	877.3	950.0	19.1	10.5	999.9	99.9	99.9	99.9	295.6	328.5	12.6	90.6	999.9	999.
1.7	13.7	755.4	925.0	15.6	10.4	999.0	99.9	99.9	99.9	295.3	324.9	11.3	92.5	999.9	999.
2.7	16.2	955.0	900.0	14.2	13.3	999.9	99.9	99.9	99.9	296.2	324.5	10.7	96.0	999.9	999.
3.6	18.4	1175.9	875.0	13.7	7.4	999.9	99.9	99.9	99.9	298.1	328.2	7.4	65.8	999.9	999.
4.5	21.1	1421.4	850.0	17.4	-7.8	999.9	99.9	99.9	99.9	304.4	331.8	2.5	17.2	999.9	999.
5.3	23.6	1676.7	825.0	20.2	-25.1	999.9	99.9	99.9	99.9	310.0	312.0	0.6	3.5	999.9	999.
6.2	26.1	1941.2	800.0	19.9	-22.4	999.9	99.9	99.9	99.9	312.3	314.9	0.6	4.4	999.9	999.
7.0	28.7	2211.9	775.0	19.1	-19.0	999.9	99.9	99.9	99.9	313.3	316.9	1.1	6.7	999.9	999.
8.0	31.2	2492.0	750.0	16.0	-15.1	999.9	99.9	99.9	99.9	314.0	318.0	1.6	10.4	999.9	999.
8.9	33.9	2774.5	725.0	13.9	-13.6	999.9	99.9	99.9	99.9	314.7	320.5	1.8	13.4	999.9	999.
9.7	36.6	3062.8	700.0	11.4	-16.1	999.9	99.9	99.9	99.9	315.2	320.1	1.5	12.8	999.9	999.
10.5	39.3	3374.8	675.0	8.9	-14.4	999.9	99.9	99.9	99.9	315.6	321.4	1.6	17.5	999.9	999.
11.4	42.1	3668.4	650.0	6.0	-14.6	999.9	99.9	99.9	99.9	315.[illegible]	321.7	1.9	21.1	999.9	999.
12.2	44.9	4[illegible]	625.0	3.7	-17.9	999.9	99.9	99.9	99.9	316.7	322.4	1.8	22.1	999.9	999.
13.0	47.9	4[illegible]	600.0	1.3	-21.1	999.9	99.9	99.9	99.9	317.6	321.5	1.2	17.0	999.9	999.
13.8	50.9	4671.2	575.0	-1.8	-23.7	999.9	99.9	99.9	99.9	317.9	321.1	1.0	16.2	999.9	999.
14.6	53.9	5020.6	550.0	-5.2	-25.3	999.9	99.9	99.9	99.9	317.9	320.8	0.9	18.7	999.9	999.
15.5	56.9	5389.8	525.0	-8.5	-27.9	999.9	99.9	99.9	99.9	318.2	320.7	0.7	19.1	999.9	999.
16.3	60.1	5775.9	500.0	-11.1	-35.3	999.9	99.9	99.9	99.9	319.6	320.9	0.4	11.4	999.9	999.
17.2	63.4	6157.7	475.0	-13.9	-36.9	999.9	99.9	99.9	99.9	320.8	322.0	0.3	12.2	999.9	999.
18.0	66.9	6561.4	450.0	-17.4	-39.5	999.9	99.9	99.9	99.9	321.4	322.3	0.3	12.5	999.9	999.
18.9	70.3	6964.6	425.0	-21.2	-40.5	999.9	99.9	99.9	99.9	321.8	322.7	0.3	15.6	999.9	999.
19.7	73.9	7411.2	400.0	-24.6	-41.5	999.9	99.9	99.9	99.9	323.0	323.8	0.2	15.3	999.9	999.
20.6	77.6	7911.2	375.0	-27.2	-45.8	999.9	99.9	99.9	99.9	325.6	326.3	0.2	15.0	999.9	999.
21.4	81.4	8377.3	350.0	-30.3	-48.1	999.9	99.9	99.9	99.9	327.9	328.4	0.1	15.5	999.9	999.
22.3	85.5	8820.2	325.0	-34.3	-50.9	999.9	99.9	99.9	99.9	329.5	329.9	0.1	16.6	999.9	999.
23.1	89.9	9474.9	300.0	-39.1	-53.6	999.9	99.9	99.9	99.9	330.2	330.6	0.1	13.7	999.9	999.
24.0	94.2	10265.1	275.0	-44.2	99.9	999.9	99.9	99.9	99.9	331.2	999.9	99.9	999.9	999.9	999.
24.8	99.0	10996.5	250.0	-47.5	99.9	999.9	99.9	99.9	99.9	332.5	999.9	99.9	999.9	999.9	999.
25.7	104.0	11774.0	225.0	-55.3	99.9	999.9	99.9	99.9	99.9	333.9	995.9	99.9	999.9	999.9	999.
26.5	109.3	12122.0	200.0	-60.5	99.9	999.9	99.9	99.9	99.9	337.0	999.9	99.9	999.9	999.9	999.
27.4	115.3	12952.3	175.0	-60.3	99.9	999.9	99.9	99.9	99.9	350.4	999.9	99.9	999.9	999.9	999.
28.2	121.7	13915.9	150.0	-60.5	99.9	999.9	99.9	99.9	99.9	365.8	999.9	99.9	999.5	999.9	999.
29.1	128.8	15045.4	125.0	-62.5	99.9	999.9	99.9	99.9	99.9	381.8	999.9	99.9	999.5	99 .9	999.
29.9	136.7	16412.8	100.0	-64.1	99.9	999.9	99.9	99.9	99.9	403.9	999.9	99.9	999.9	999.9	999.
30.8	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.5	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.5	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPLINE MEANS ELEVATION ANGLE ULTIMATE 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR FINE HAVE BEEN INTERPOLATED
** BY SPLINE MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 20

ADA, OKLAHOMA

9 MAY 1979

1738 GMT

118 92. 8

TIME MIN	CATCH	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MR RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	8.7	312.3	969.0	25.4	16.3	170.0	8.2	-1.4	8.1	301.2	333.7	12.1	57.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
9.6	10.5	432.3	950.0	21.8	15.0	179.8	7.4	-0.0	7.4	299.3	329.8	11.4	95.6	0.5	348.
1.1	12.6	773.5	925.0	19.9	14.5	182.5	10.6	0.5	10.6	299.7	330.0	11.3	71.2	0.8	352.
2.1	14.9	934.3	900.0	17.4	15.1	193.6	12.2	2.9	11.8	299.5	331.8	12.1	86.3	1.4	359.
2.8	17.1	1200.0	875.0	15.4	14.0	201.7	15.0	5.0	14.0	299.8	330.7	11.6	90.5	2.0	5.
3.4	19.4	1444.3	850.0	13.8	12.5	205.6	17.5	7.6	15.9	300.6	329.5	10.8	91.8	2.8	10.
4.1	21.6	1697.6	825.0	12.9	10.6	199.2	20.4	6.4	19.4	301.1	327.6	9.8	92.2	3.7	14.
5.1	24.0	1956.7	800.0	10.5	-9.3	189.4	22.0	4.5	21.7	302.8	326.1	2.4	16.4	4.8	14.
6.1	26.4	2227.4	775.0	17.5	-15.9	183.9	21.4	1.3	21.2	312.7	317.2	1.4	8.9	5.8	13.
6.4	27.7	2360.1	750.0	16.1	-14.5	189.3	20.5	3.1	20.2	314.1	319.3	1.7	10.9	6.5	12.
7.1	31.1	2762.6	725.0	14.0	-14.5	192.6	19.4	4.3	19.0	314.8	320.3	1.7	12.4	7.9	12.
8.1	33.6	3047.0	700.0	11.9	-14.3	196.8	18.3	5.1	17.5	315.7	321.6	1.9	14.9	9.2	12.
1.1	36.1	3346.9	675.0	9.8	-12.7	197.4	16.3	4.9	15.6	316.7	323.4	2.1	18.5	10.3	13.
11.1	38.7	3703.6	650.0	6.8	-13.3	197.9	14.6	4.5	13.9	316.7	323.1	2.0	21.3	11.3	13.
12.1	41.3	4001.3	625.0	4.2	-16.3	200.5	14.1	5.6	13.1	317.2	322.7	1.7	20.7	12.3	14.
13.1	44.0	4312.0	600.0	1.0	-18.2	204.5	15.9	6.6	14.5	317.3	322.2	1.5	22.2	13.3	14.
14.1	46.7	4635.1	575.0	-2.2	-19.9	205.9	17.1	7.3	15.6	317.6	322.2	1.5	26.7	14.4	15.
15.1	49.4	5041.3	550.0	-5.7	-19.7	205.2	19.4	8.1	17.8	317.3	322.0	1.5	32.1	15.6	16.
16.1	2.2	5435.5	525.0	-8.6	-27.4	205.9	20.4	8.3	18.4	318.1	320.7	0.8	20.2	17.0	17.
17.1	55.1	5737.1	500.0	-11.0	-32.9	206.1	21.7	9.5	19.5	319.7	321.3	0.5	14.5	18.7	18.
18.1	58.1	6177.6	475.0	-13.8	-36.3	203.8	18.1	6.5	16.8	320.8	322.1	0.4	13.3	20.1	18.
20.6	61.1	6543.3	450.0	-16.7	-40.0	196.9	11.9	3.4	11.4	323.5	324.4	0.3	10.2	21.1	18.
21.9	64.3	7011.7	425.0	-18.9	-42.3	200.7	12.0	4.2	11.3	324.7	325.5	0.2	10.5	22.1	18.
23.3	67.5	7456.9	400.3	-22.4	-44.9	215.1	14.1	8.1	11.6	325.9	326.8	0.2	10.9	23.1	19.
24.7	70.9	7931.2	375.0	-25.7	-47.2	230.8	17.4	13.3	11.0	327.6	328.2	0.1	11.2	24.3	20.
26.1	74.3	8427.5	350.0	-29.3	-49.8	233.5	19.3	15.5	11.5	329.3	329.7	0.1	11.6	25.7	22.
27.4	77.9	8952.4	325.0	-33.6	-53.0	228.4	20.6	15.5	13.7	330.4	330.7	0.1	12.0	27.4	24.
28.8	81.7	9536.7	300.0	-38.4	-56.4	230.0	18.3	14.0	11.9	331.2	331.5	0.1	12.8	29.3	26.
30.4	85.	10160.5	275.0	-43.8	99.9	236.5	16.9	14.1	9.3	332.1	999.9	99.9	999.9	30.9	27.
32.1	88.7	10 [illegible]	250.0	-44.5	99.9	220.5	19.4	14.5	12.8	333.9	999.9	99.9	999.9	32.7	29.
33.8	92.4	11514.7	225.0	-54.2	99.	234.4	19.1	15.5	11.1	335.5	999.9	-3.9	999.9	34.7	30.
35.0	95.4	12150.7	200.0	-59.9	99.9	245.2	21.6	19.6	9.1	338.0	999.9	99.9	999.9	36.7	32.
36.3	98.3	12754.1	175.0	-60.3	99.9	241.3	24.1	21.1	11.6	350.4	999.9	99.9	999.9	39.3	35.
41.5	13.5	13354.1	150.0	-61.4	99.9	224.5	26.8	18.1	19.1	364.4	999.9	99.9	999.9	42.5	36.
44.2	17.4	13933.7	125.0	-63.6	99.9	230.7	26.1	20.2	16.5	385.3	999.9	99.9	999.9	46.7	37.
47.2	22.7	14478.8	100.0	-63.9	99.9	999.9	99.9	99.9	99.9	406.1	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
.0	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* WIND SPEED MEANS ELEVATION ANGLE BETWEEN 0 AND 10 DEG

DEW POINT MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED

** WIND SPEED MEANS ELEVATION ANGLE LESS THAN 0 DEG

STATION NO 23
CHEYENNE, OKLAHOMA

9 MAY 1979
1105 GMT

123 101. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.4	621.0	933.0	21.0	17.6	160.0	8.2	-2.9	7.7	300.3	337.0	13.8	81.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	13.8	667.9	925.0	20.8	19.1	160.2	13.6	-4.6	12.8	30[illegible]	341.2	15.3	90.3	0.2	349.
1.2	16.2	935.5	900.0	19.1	18.1	166.9	16.1	-3.7	15.7	3[illegible]	340.5	14.7	93.8	0.9	343.
2.3	18.6	1144.3	875.0	18.1	17.0	169.3	15.7	-2.9	15.4	302.6	340.5	14.2	93.6	2.0	345.
3.4	21.1	1397.4	850.0	17.5	15.3	193.4	16.4	4.3	17.9	304.5	342.2	13.9	92.6	3.1	352.
4.5	23.5	1653.3	825.0	16.6	15.1	199.6	21.0	7.0	19.8	306.1	342.3	13.3	91.2	4.2	360.
5.6	26.0	1915.3	800.0	14.4	13.2	191.2	22.1	4.3	21.7	306.5	339.6	12.1	92.6	5.6	4.
6.9	28.5	2185.8	775.0	18.5	[illegible].3	187.0	22.7	2.3	22.6	313.7	319.3	1.8	10.3	7.4	5.
8.1	31.1	2465.9	750.0	17.7	-13.0	191.6	22.4	4.5	21.9	315.8	321.7	1.9	11.1	9.0	6.
9.1	33.9	2754.0	725.0	15.5	-11.1	189.6	22.7	3.8	22.4	316	323.6	2.3	14.8	10.4	6.
10.2	36.4	3043.7	700.0	12.5	-10.3	187.6	20.7	2.7	20.5	316.3	324.1	2.5	19.3	11.7	7.
11.1	39.1	3353.0	675.0	10.1	-15.2	186.9	19.3	2.3	19.1	317.0	322.6	1.8	15.3	12.9	7.
12.3	41.9	3665.0	650.0	7.6	-21.7	179.5	18.0	-0.2	18.0	317.6	321.0	1.0	10.2	14.1	6.
13.3	44.8	3986.6	625.0	5.5	-45.0	174.9	19.4	-1.7	19.3	318.8	319.2	0.1	1.2	15.3	6.
14.4	47.6	4 [illegible]6.2	600.0	2.7	-40.0	176.2	19.7	-1.3	19.7	319.2	319.9	0.2	2.5	16.6	5.
15.7	50.5	4650.0	575.0	-0.7	-38.4	176.9	18.4	-1.0	18.4	319.2	320.1	0.2	3.9	18.0	4.
17.1	53.6	5312.5	550.0	-4.0	-30.8	174.5	17.7	-1.7	17.6	319.4	321.2	0.5	10.4	19.5	3.
18.7	56.6	5377.6	525.0	-6.7	-28.6	176.1	18.3	-1.2	18.2	320.4	322.7	0.7	15.6	21.1	3.
20.5	59.9	5757.1	500.0	-8.6	-29.0	181.5	20.6	0.5	20.6	322.6	325.0	0.7	17.3	23.3	2.
22.3	63.0	6152.6	475.0	-11.4	-27.8	188.8	19.8	3.0	19.5	323.9	326.6	0.8	24.2	25.5	3.
23.9	66.4	6565.2	450.0	-14.2	-26.6	196.9	22.0	6.4	21.1	325.4	328.7	1.0	34.1	27.4	3.
25.4	69.9	6995.1	425.0	-18.6	-26.0	199.[illegible]	23.5	7.7	22.2	325.2	328.8	1.1	51.9	29.4	4.
26.8	73.3	7444.5	400.0	-21.9	-34.1	198.	21.1	6.3	20.0	326.5	328.3	0.5	32.0	31.3	5.
28.5	77.0	7916.1	375.0	-25.3	-42.3	197.4	20.5	6.1	19.[illegible]	328.1	329.0	0.2	18.6	33.3	6.
30.4	80.9	8412.6	350.0	-29.4	-44.5	200.0	21.8	7.4	20.5	329.1	329.9	0.2	21.4	35.5	7.
32.7	84.8	8938.9	325.0	-32.1	-49.1	203.8	22.5	9.1	20.6	332.5	333.0	0.1	16.5	38.5	8.
35.2	89.0	9498.3	300.0	-36.9	-52.8	200.2	23.1	8.0	21.7	333.4	333.7	0.1	17.3	41.7	9.
37.4	93.5	10094.4	275.0	-41.5	99.9	210.8	29.3	14.9	25.2	335.1	999.9	99.9	999.9	44.6	10.
39.7	98.2	10733.0	250.0	-47.6	99.9	250.6	58.4	55.1	19.4	335.4	999.9	99.9	999.9	47.9	10.
42.2	103.0	11420.8	225.0	-53.0	99.9	209.7	25.8	12.3	22.4	337.[illegible]	999.9	99.9	999.9	51.6	21.
45.2	108.4	12172.9	200.0	-56.9	99.9	215.5	27.2	15.8	22.2	342.8	999.9	99.9	999.9	56.4	22.
48.0	113.3	13010.4	175.0	-61.5	99.9	214.1	28.3	15.[illegible]	23.4	348.4	999.9	99.9	999.9	60.4	22.
50.9	120.5	13959.9	150.0	-61.8	99.9	218.6	27.4	17.1	21.4	363.6	999.9	99.9	999.9	65.5	24.
55.3	127.5	15096.2	125.0	-59.3	99.9	999.9	99.9	99.9	99.9	387.7	999.9	99.9	999.9	72.2	25.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	9.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 23
CHEYENNE, OKLAHOMA

9 MAY 1979
1405 GMT

123 100. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	13.3	621.0	930.1	22.0	17.8	240.0	10.3	8.9	5.2	301.3	338.5	13.9	77.0	0.0	0.
9.3	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.3	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.3	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	13.7	669.0	925.0	22.0	19.2	187.4	6.1	1.0	8.0	301.8	342.9	15.4	84.7	0.1	354.
0.9	16.1	936.8	900.0	19.5	18.7	170.2	16.8	-2.9	16.6	301.6	342.4	15.3	95.3	0.4	344.
1.7	18.5	1170.0	875.0	18.7	17.6	188.1	20.5	2.9	20.3	303.2	342.7	14.7	93.5	1.5	353.
2.5	20.9	1395.9	850.0	18.4	17.2	205.5	18.5	8.0	16.7	305.4	345.2	14.7	92.7	2.3	3.
3.3	23.3	1654.5	825.0	17.3	14.7	214.4	17.4	9.8	14.4	306.9	342.3	12.9	85.0	3.2	11.
4.3	25.8	1912.3	800.0	15.7	12.7	220.1	14.4	9.3	11.0	307.9	340.1	11.6	82.0	4.0	17.
5.1	28.3	2189.3	775.0	16.0	-5.7	218.9	10.2	6.4	8.0	311.0	320.7	3.2	22.1	4.6	20.
6.3	30.9	2467.4	750.0	15.8	-5.3	205.6	7.8	3.4	7.0	313.8	324.2	3.4	22.8	4.9	21.
6.7	33.5	2754.5	725.0	14.4	-7.9	199.3	11.8	3.9	11.1	315.3	324.3	2.9	20.5	5.4	21.
7.5	36.1	3044.8	700.0	13.4	-12.2	196.7	16.2	4.7	15.6	317.3	324.1	2.1	15.6	6.1	20.
8.1	38.9	3346.3	675.0	11.4	-15.6	196.6	20.6	5.4	19.7	318.5	323.9	1.7	13.4	7.0	20.
9.3	41.6	3661.3	650.0	9.4	-17.3	195.3	23.2	6.1	22.3	319.6	324.5	1.5	13.3	8.1	19.
10.3	44.4	3991.3	625.0	6.9	-19.4	192.1	22.0	4.4	21.5	320.3	325.0	1.4	14.5	9.5	19.
11.3	47.3	4336.6	600.0	4.7	-16.7	187.5	21.7	2.6	21.5	321.6	327.2	1.7	19.3	11.0	18.
12.5	50.2	4697.4	575.0	1.1	-17.2	182.6	22.5	1.6	22.5	321.3	326.9	1.7	24.0	12.5	16.
13.7	53.2	5074.6	550.0	-2.0	-17.2	182.6	22.4	1.0	22.4	321.7	327.6	1.8	30.0	14.0	14.
15.0	56.3	5469.8	525.0	-4.0	-25.9	181.0	23.3	4.5	22.9	323.6	326.9	0.9	17.6	15.7	13.
16.3	59.4	5776.2	500.0	-7.6	-23.3	194.6	22.2	5.6	21.5	323.8	327.7	1.2	27.4	17.7	14.
17.7	62.6	6173.2	475.0	-13.8	-21.3	196.4	22.2	6.2	21.3	324.6	329.5	1.5	41.7	19.4	14.
19.1	65.9	6586.4	450.0	-14.1	-22.3	200.7	21.1	7.5	19.7	325.5	330.2	1.4	49.5	21.3	14.
20.6	69.4	7018.2	425.0	-17.1	-23.7	199.6	21.4	7.2	20.2	327.0	331.5	1.3	56.6	23.1	15.
22.1	72.9	7469.4	400.0	-21.3	-24.1	205.0	21.5	9.1	19.5	327.3	331.8	1.4	78.0	25.1	15.
23.8	76.6	7942.5	375.0	-24.6	-34.4	209.4	23.6	11.6	20.5	329.1	331.0	0.5	39.7	27.2	16.
25.7	80.3	8442.7	350.0	-26.6	-39.7	204.1	24.6	10.1	22.5	332.9	334.2	0.3	27.7	29.9	17.
27.9	84.3	8973.5	325.0	-33.2	-47.2	203.5	23.5	9.4	21.6	335.0	335.7	0.2	17.2	33.1	18.
30.9	88.5	9537.1	300.0	-34.9	-52.1	207.4	24.9	11.5	22.1	336.2	336.6	0.1	15.2	36.1	18.
31.9	92.8	10133.4	275.0	-40.2	99.9	211.1	24.9	12.8	21.3	337.0	999.9	99.9	999.9	39.0	19.
34.1	97.3	10762.2	250.0	-45.3	99.9	208.3	25.6	12.2	22.6	338.8	999.9	99.9	999.9	42.3	20.
36.6	102.4	11476.1	225.0	-51.1	99.9	210.3	27.9	14.3	24.1	340.2	999.9	99.9	999.9	46.0	21.
39.3	107.3	12232.9	200.0	-55.7	99.9	218.0	33.6	20.7	26.5	345.4	999.9	99.9	999.9	50.5	22.
41.5	113.5	13078.0	175.0	-59.1	99.9	220.7	32.9	21.4	24.9	352.3	999.9	99.9	999.9	55.3	23.
44.4	120.0	14046.3	150.0	-55.9	99.9	210.3	28.4	14.2	24.6	373.8	999.9	99.9	999.9	60.1	25.
48.3	127.0	15204.4	125.0	-56.7	99.9	999.9	99.9	99.9	99.9	392.3	999.9	99.9	999.9	67.2	25.
52.6	135.3	16619.7	100.0	-56.4	99.9	999.9	99.9	99.9	99.9	418.8	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
+ BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 23
CHEYENNE, OKLAHOMA

9 MAY 1979
1705 GMT

114 99. 0

TIME MIN	CHTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.9	621.0	930.7	26.2	17.6	240.0	10.3	8.6	5.2	305.6	342.9	13.7	59.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.	99.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.2	13.2	875.3	925.0	25.2	19.4	178.7	5.6	-0.1	5.6	305.1	347.1	15.6	70.4	0.1	355.
0.8	15.5	916.1	900.0	22.8	19.2	176.0	9.8	-0.7	9.8	305.1	347.7	15.8	79.9	0.3	356.
1.7	17.7	1161.6	875.0	20.6	18.6	184.3	12.2	0.9	12.1	305.2	347.4	15.6	88.5	1.0	357.
2.6	20.0	1412.3	850.0	18.3	17.2	199.5	10.0	3.3	9.5	305.3	345.1	14.7	93.2	1.5	3.
3.4	22.4	1669.0	825.0	17.2	16.1	207.8	10.9	5.1	9.6	306.8	345.4	14.2	93.6	2.0	8.
4.3	24.7	1931.9	800.0	15.4	14.3	215.3	10.7	6.2	8.7	307.5	343.3	13.0	93.7	2.5	13.
5.3	27.1	2201.2	775.0	13.7	7.8	216.9	11.8	7.1	9.5	308.5	333.0	8.7	68.3	3.1	18.
6.3	29.5	2478.0	750.0	14.3	-7.3	214.5	13.0	7.4	10.7	312.1	321.0	2.9	21.7	3.8	21.
7.3	31.9	2763.3	725.0	13.3	-12.1	202.3	12.5	4.7	11.5	314.1	320.6	2.1	15.9	4.7	23.
8.5	34.4	3057.6	700.0	12.5	-19.4	195.1	15.3	4.0	14.8	316.4	320.2	1.2	9.1	5.5	22.
9.6	37.0	3361.6	675.0	11.6	-27.7	194.8	21.6	5.5	20.9	318.6	320.6	0.6	4.6	6.8	21.
10.8	39.5	3675.8	650.0	9.7	-28.6	193.8	25.4	6.0	24.6	320.0	321.9	0.6	4.8	8.1	20.
11.5	42.2	3999.2	625.0	6.8	-30.0	194.8	24.7	6.3	23.9	320.3	322.0	0.5	5.1	9.5	19.
12.4	44.8	4332.5	600.0	4.1	-31.4	196.2	24.2	6.8	23.3	320.8	322.4	0.5	5.3	10.9	18.
13.4	47.6	4676.8	575.0	1.4	-32.8	197.9	23.2	5.9	22.6	321.7	323.2	0.4	5.6	12.3	18.
14.3	50.3	5032.2	550.0	-1.5	-34.5	198.1	22.0	5.1	21.8	322.3	323.6	0.4	5.9	13.6	17.
15.5	53.2	5400.5	525.0	-4.8	-35.6	197.7	22.7	5.1	22.5	322.6	323.9	0.3	6.9	15.1	16.
16.8	56.1	5782.4	500.0	-6.5	-31.1	199.3	23.5	5.8	23.2	325.1	327.1	0.6	12.0	16.9	15.
18.3	59.1	6180.0	475.0	-10.4	-33.3	196.5	24.5	4.5	24.1	325.2	326.9	0.5	13.3	19.0	15.
19.8	62.3	6594.4	450.0	-13.2	-26.0	191.3	26.7	5.2	26.2	326.7	330.2	1.0	33.3	21.4	14.
21.2	65.4	7027.4	425.0	-16.4	-24.2	196.4	23.3	6.6	22.3	328.0	332.3	1.3	50.7	23.5	14.
22.9	68.7	7480.9	400.0	-19.4	-34.5	201.3	24.2	8.8	22.6	329.8	331.6	0.5	24.6	25.8	15.
24.3	72.1	7957.7	375.0	-22.7	-36.6	199.2	24.9	8.2	23.5	331.6	333.2	0.4	20.6	28.5	15.
26.7	75.6	8460.7	350.0	-26.0	-41.8	202.3	26.5	10.0	24.5	333.7	334.7	0.3	20.9	31.5	16.
28.3	79.3	8993.2	325.0	-29.9	-46.3	207.1	27.0	12.3	24.0	335.5	336.2	0.2	18.3	34.8	17.
30.9	83.0	9559.7	300.0	-33.5	-51.3	210.3	25.0	12.6	21.6	338.2	338.6	0.1	14.6	38.1	18.
33.1	87.0	10163.8	275.0	-38.9	-55.6	211.4	26.3	13.7	22.5	338.9	339.2	0.1	15.1	41.4	19.
35.6	91.3	10812.1	250.0	-44.0	99.9	213.6	25.7	14.2	21.4	340.6	999.9	99.9	999.9	45.1	20.
38.1	95.7	11511.6	225.0	-49.5	99.9	215.7	28.8	16.7	23.2	342.6	999.9	99.9	999.9	48.9	21.
40.8	100.4	12275.3	200.0	-54.5	99.9	220.9	31.1	20.3	23.5	346.4	999.9	99.9	999.9	53.7	23.
43.4	105.8	13125.4	175.0	-56.4	99.9	222.4	33.7	22.8	24.9	356.9	999.9	99.9	999.9	58.1	24.
46.4	111.3	14104.5	150.0	-54.8	99.9	210.1	33.3	16.7	28.8	375.7	999.9	99.9	999.9	64.6	25.
50.3	117.7	15270.8	125.0	-55.5	99.9	211.0	28.8	14.8	24.7	394.5	999.9	99.9	999.9	71.3	26.
54.5	124.7	16631.1	100.0	-55.4	99.9	999.9	99.9	99.9	99.9	420.6	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 23
CHEYENNE, OKLAHOMA

9 MAY 1979
2010 GMT

123 99. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	13.8	621.3	929.1	29.6	17.4	130.0	9.3	-7.1	6.0	309.2	346.9	13.6	48.0	0.0	0.
99.9	99.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	14.1	663.6	925.0	29.1	20.3	143.4	16.2	-9.7	13.0	309.1	354.2	16.4	58.9	0.1	320.
0.4	16.5	904.5	900.0	25.9	20.1	144.6	14.9	-8.6	12.1	308.3	354.0	16.7	70.3	0.6	323.
1.5	18.9	1152.4	875.0	23.3	19.6	150.1	12.7	-6.5	11.0	308.0	353.6	16.7	79.6	1.1	324.
2.3	21.4	1406.0	850.0	21.4	19.8	159.2	12.6	-4.5	11.8	308.5	356.0	17.4	90.7	1.8	327.
3.2	23.8	1664.7	825.0	18.5	17.3	171.1	10.9	-1.7	10.7	308.2	350.1	15.3	92.6	2.1	331.
4.4	26.1	1929.1	800.0	17.5	12.3	184.0	11.5	0.1	11.5	309.8	342.0	11.5	72.8	2.6	336.
4.5	28.8	2200.4	775.0	16.2	10.2	192.9	11.8	2.6	11.5	311.3	339.9	10.1	67.3	3.0	342.
7.4	31.4	2479.3	750.0	14.3	8.3	196.9	12.7	3.7	12.2	312.1	338.4	9.2	67.1	3.6	348.
6.2	34.0	2764.9	725.0	12.3	3.1	194.6	14.6	3.7	14.1	313.0	332.2	6.6	53.1	4.1	352.
7.1	36.7	3058.7	700.0	11.1	6.1	192.1	18.4	3.9	18.0	314.8	325.4	3.5	29.5	5.0	355.
8.0	39.3	3361.5	675.0	10.2	-10.7	192.1	22.2	4.6	21.7	317.1	324.9	2.5	21.7	6.0	358.
8.3	42.1	3674.2	650.0	8.7	-18.1	191.4	25.7	5.1	25.2	318.8	323.5	1.4	13.0	7.4	1.
10.3	44.9	3997.2	625.0	6.6	-17.5	190.7	25.9	4.8	25.5	320.1	325.1	1.5	15.8	9.1	3.
11.3	47.8	4331.4	600.0	3.9	-19.0	194.2	24.6	6.0	23.8	320.6	325.2	1.4	16.9	10.9	4.
12.4	50.7	4678.5	575.0	1.2	-21.4	200.2	24.2	8.4	22.7	321.4	325.4	1.2	16.5	12.5	6.
13.5	53.7	5039.6	550.0	-1.0	-23.3	199.8	23.7	8.0	22.3	322.9	326.5	1.1	16.4	14.0	8.
14.5	56.8	5414.4	525.0	-3.8	-25.2	197.2	24.4	5.2	23.9	323.9	327.0	0.9	15.9	15.5	9.
15.6	59.9	5803.0	500.0	-6.3	-27.2	196.9	24.5	3.8	24.2	325.3	328.1	0.8	17.1	17.2	9.
16.8	63.1	6141.8	475.0	-9.7	-29.1	191.2	24.8	4.8	24.4	327.2	329.7	0.7	17.3	18.9	9.
17.1	66.4	6597.6	450.0	-12.5	-23.7	197.7	25.1	7.6	23.9	327.5	331.7	1.3	38.5	20.8	9.
17.4	69.9	7011.0	425.0	-15.3	-22.8	204.5	25.	9.6	23.1	328.6	333.4	1.4	55.4	22.7	10.
21.0	73.4	7444.7	400.0	-19.5	-27.4	206.0	30.7	13.5	27.5	329.6	333.1	1.0	49.5	24.9	12.
22.5	77.0	7901.9	375.0	-22.4	-33.7	203.3	31.1	13.3	28.1	332.0	334.1	0.6	34.5	28.1	13.
24.2	80.4	8425.6	350.0	-25.5	-40.2	210.0	28.7	14.8	24.9	334.4	335.7	0.3	23.6	30.8	15.
25.2	83.9	8972.1	325.0	-30.1	-45.1	210.8	30.8	15.8	26.5	335.3	336.1	0.2	21.2	33.9	16.
24.2	87.0	9568.0	300.0	-34.0	-47.7	213.6	30.5	16.6	25.4	337.4	338.0	0.2	23.4	37.7	18.
31.1	91.3	10168.4	275.0	-38.7	-49.9	218.2	30.0	18.6	23.6	339.1	339.7	0.1	29.3	41.4	19.
32.5	94.9	10815.0	250.0	-44.1	99.9	222.9	28.4	19.3	20.8	340.6	999.9	99.9	999.9	45.1	21.
34.7	102.9	11515.7	225.0	-49.4	99.9	221.2	26.4	17.4	19.9	342.8	999.9	99.9	999.9	48.6	23.
37.1	105.9	12277.2	200.0	-55.2	99.9	222.0	27.8	18.6	20.6	345.4	999.9	99.9	999.9	52.4	24.
39.9	113.8	13121.3	175.0	-59.5	99.9	220.0	31.9	20.5	24.4	351.8	999.9	99.9	999.9	56.7	26.
42.6	122.3	14094.1	150.0	-55.2	99.9	213.7	28.7	15.9	23.9	375.0	999.9	99.9	999.9	61.3	26.
46.4	132.0	15259.1	125.0	-53.7	99.9	999.9	99.9	99.9	99.9	397.8	999.9	99.9	999.9	68.2	27.
52.2	138.7	16649.7	100.0	-56.3	99.9	999.9	99.9	99.9	99.9	418.9	999.9	99.9	999.9	999.9	999.
99.9	99.	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY (DEW) MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY (TEMP) MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 23
CHEYENNE, OKLAHOMA

10 MAY 1979
205 GMT

92 177. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.5	621.0	927.1	23.8	16.7	120.0	10.8	-9.4	5.4	303.5	343.2	14.8	73.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.
0.1	13.7	641.0	925.0	23.9	20.2	117.7	9.2	-8.1	4.3	303.8	348.0	16.5	80.3	0.1	356.
1.1	15.9	841.2	900.0	21.7	21.4	139.8	19.0	-12.3	14.5	303 9	352.3	18.1	97.9	0.5	325.
1.8	18.1	1126.4	875.0	19.8	19.8	151.1	23.7	-11.5	20.7	304.3	349.5	16.9	100.2	1.8	326.
2.5	20.4	1376.7	850.0	18.0	18.0	159.8	22.1	-7.6	20.7	305.1	347.1	15.6	100.0	2.8	330.
3.6	22.6	1632.9	825.0	16.5	16.5	168.8	23.4	-4.4	22.9	306.1	345.6	14.5	99.8	4.0	334.
4.5	24.9	1895.9	800.0	15.9	15.1	182.3	22.0	0.4	22.0	308.1	345.8	13.7	95.2	5.2	339.
5.6	27.3	2166.7	775.0	16.0	10.5	191.8	21.8	4.1	21.3	311.0	340.2	10.4	69.9	6.3	345.
6.4	29.6	2445.9	750.0	15.1	8.6	194.1	22.1	5.4	21.4	313.0	339.9	9.4	64.9	7.4	349.
7.2	32.0	2732.8	725.0	12.9	6.9	198.5	22.9	7.3	21.8	313.6	338.5	8.7	67.0	8.5	353.
8.1	34.5	3027.5	700.0	11.2	4.2	207.1	20.6	9.4	18.4	314.9	336.5	7.4	62.2	9.6	356.
9.2	37.0	3330.4	675.0	8.9	2.8	211.0	23.4	12.1	20.0	315.7	336.1	7.0	65.4	10.7	0.
10.1	39.5	3642.3	650.0	7.0	-5.7	211.0	25.4	13.1	21.7	316.8	328.7	3.9	40.3	11.9	4.
11.2	42.1	3963.7	625.0	5.3	-9.6	207.9	25.9	12.1	22.9	318.5	327.7	2.9	33.1	13.5	7.
12.6	44.7	4295.7	600.0	2.6	-12.9	208.4	27.3	13.0	24.1	319.2	326.6	2.4	30.6	15.4	10.
14.0	47.4	4634.9	575.0	1.0	-21.6	205.0	27.6	11.7	25.0	321.2	325.1	1.2	16.6	17.7	12.
15.5	50.2	4994.5	550.0	-1.4	-24.8	197.6	33.1	10.8	31.6	322.4	325.5	0.9	14.8	20.4	13.
16.9	53.0	5362.5	525.0	-5.0	-24.7	196.3	33.6	9.5	32.3	322.5	325.7	1.0	19.4	23.2	14.
18.1	55.9	5744.1	500.0	-8.1	-25.1	196.7	32.1	9.2	30.7	323.2	326.5	1.0	23.7	25.6	14.
19.3	58.8	6140.4	475.0	-11.2	-27.0	199.4	31.2	10.4	29.4	324.1	327.1	0.9	25.7	27.8	14.
20.5	61.9	6553.1	450.0	-14.1	-28.2	204.0	29.0	11.8	26.5	325.5	328.3	0.8	29.0	30.1	15.
21.9	65.0	6983.5	425.0	-18.2	-30.5	207.5	30.9	14.3	27.4	325.6	328.0	0.7	33.1	32.4	16.
23.3	68.1	7435.2	400.0	-20.0	-37.0	211.0	31.2	16.1	26.7	329.1	330.5	0.4	20.1	35.0	17.
24.9	71.4	7911.2	375.0	-23.0	-44.1	213.8	29.6	16.5	24.6	331.2	332.0	0.2	12.5	37.8	18.
26.9	74.9	8413.4	350.0	-26.5	-48.1	212.8	31.7	17.2	26.7	333.0	333.6	0.1	10.9	41.4	19.
28.7	78.4	8945.9	325.0	-29.8	-50.2	210.3	31.4	15.9	27.1	335.6	336.1	0.1	11.6	44.5	20.
30.1	82.2	9513.6	300.0	-33.6	-39.7	211.1	34.0	17.6	29.1	338.0	339.5	0.4	54.3	47.4	21.
31.8	86.2	10113.1	275.0	-39.7	99.9	221.4	28.8	19.0	21.6	337.7	999.9	99.9	999.9	50.5	22.
33.7	90.3	10759.0	250.0	-43.7	99.9	228.0	29.2	21.7	19.5	341.2	999.9	99.9	999.9	53.4	23.
35.6	96.7	11463.5	225.0	-46.4	99.9	236.0	32.2	26.7	18.0	347.4	999.9	99.9	999.9	56.6	25.
39.0	99.9	12235.0	200.0	-52.6	99.9	999.9	99.9	99.9	99.9	349.5	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	175.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	150.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 23
CHEYENNE, OKLAHOMA

10 MAY 1979
505 GMT

119 103. 0

TIME MIN	EVENT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	13.3	621.0	928.6	23.2	18.5	160.0	15.4	-5.3	14.5	302.7	341.9	14.6	75.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	13.6	655.1	925.0	22.9	19.1	162.4	16.0	-5.4	17.1	302.8	343.6	15.2	78.9	0.1	352.
1.0	15.8	894.4	900.0	21.2	20.0	166.8	22.0	-5.0	21.4	303.4	347.9	16.6	92.5	1.0	344.
1.7	18.2	1136.9	875.0	19.1	18.2	169.5	21.9	-4.0	21.	303.7	344.7	15.3	94.4	1.9	346.
2.4	20.5	1395.4	850.0	17.6	16.7	173.4	22.7	-2.6	22.6	304.6	343.1	14.3	94.8	2.9	348.
3.2	23.8	1648.0	825.0	16.3	15.4	182.5	22.9	1.0	22.9	305.8	342.7	13.5	94.8	4.0	350.
4.1	26.2	1906.5	800.0	15.2	14.3	192.4	24.0	5.2	23.4	307.4	343.1	13.0	94.4	5.0	356.
4.7	27.7	2177.9	775.0	16.2	9.2	197.1	24.6	7..	23.5	311.3	338.1	9.5	62.9	6.0	358.
5..	30.1	2456.3	750.0	15.0	7.7	197.5	23.1	7.0	22.1	312.8	338.1	8.8	61.7	7.2	1.
6.4	32.7	2742.5	725.0	12.9	4.5	205.0	24.7	10.4	22.4	313.6	334.9	7.3	56.7	8.3	4.
7.4	35.2	3037.1	700.0	11.5	3.6	211.5	23.8	12.4	20.3	315.2	336.0	7.1	58.1	9.6	7.
8.1	7.8	3340.2	675.0	9.0	2.2	213.5	22.9	12.6	19.1	315.8	335.5	6.7	62.4	10.8	10.
9.4	40.4	3652.1	650.0	6.5	0.3	216.0	23.7	14.0	19.2	316.3	334.2	6.0	64.3	12.2	13.
1..9	43.2	3974.8	625.0	3.9	-5.2	218.8	24.0	15.1	18.7	316.9	329.5	4.2	51.5	13.9	16.
1..3	46.0	4307.3	600.0	0.7	-5.9	219.8	24.7	15.5	19.2	316.9	329.4	4.1	61.4	15.7	19.
11.3	47.9	4649.7	575.0	-1.4	-16.4	211.8	23.2	12.4	19.7	318.4	324.3	1.9	30.8	17.5	21.
1..7	1.7	4997.3	550.0	-2.3	-51.4	169.1	23.9	7.8	22.6	321.4	321.6	0.1	1.0	19.	21.
1..9	54.7	5362.2	525.0	-4.2	-45.7	192.8	27.0	6.0	26.3	323.4	323.9	0.1	2.9	21.2	21.
17.2	57.8	5747.9	500.0	-7.1	-52.7	194.9	28.6	7.5	27.6	324.4	324.6	0.1	1.3	23.4	20.
18.3	60.9	6144.8	475.0	-9.9	-45.2	197.1	28.8	8.4	27.5	325.8	326.3	0.1	3.7	25.4	20.
19.5	64.1	6553.1	450.0	-12.3	-21.0	204.3	29.7	12.5	26.9	327.8	333.1	1.6	48.0	27.5	20.
21.0	67.4	6973.1	425.0	-17.3	-20.3	207.3	28.6	13.1	25.4	326.8	332.5	1.7	73.5	30.8	21.
22.5	70.9	7405.9	400.0	-19.5	-22.5	203.6	28.0	11.2	25.7	329.6	334.9	1.6	77.2	34.1	21.
2..8	74.4	7853.8	375.0	-22.2	-25.0	208.1	32.2	15.1	28.4	332.2	336.8	1.3	78.3	38.2	21.
27.6	78.1	8427.9	350.0	-25.3	-28.2	219.9	28.0	18.0	21.5	334.7	339.4	1.1	75.4	41.6	22.
29.6	82.2	8762.4	325.0	-27.9	-30.7	227.6	26.5	19.5	17.9	338.2	341.4	0.9	76.7	44.2	24.
31.3	84.2	9233.6	300.0	-32.3	-35.3	234.7	30.4	24.8	17.5	340.3	342.6	0.6	72.3	47.0	25.
33.4	90.5	10141.4	275.0	-37.5	-41.4	238.4	30.1	25.6	15.9	340.9	342.3	0.4	66.4	50.3	28.
35.5	96.2	13793.2	250.0	-41.6	99.9	235.7	33.0	27.3	18.6	344.3	999.9	99.9	999.9	53.6	30.
37.5	100.3	11499.7	225.0	-47.3	99.9	237.0	32.3	27.1	17.6	346.1	999.9	99.9	999.9	57.2	32.
39.7	104.7	12258.9	200.0	-53.5	99.9	233.6	29.0	23.3	17.2	348.1	999.9	99.9	999.9	60.9	33.
42.3	111.3	13115.4	175.0	-60.2	99.9	232.7	22.0	17.5	13.4	350.7	999.9	99.9	999.9	64.4	34.
44.6	117.3	14063.2	150.0	-65.6	99.9	223.8	18.7	13.0	13.5	357.1	999.9	99.9	999.9	67.3	35.
46.6	124.3	15165.3	125.0	-66.6	99.9	999.9	99.9	99.9	99.9	374.5	999.9	99.9	999.9	71.9	35.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
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STATION NO. 23
CHEYENNE, OKLAHOMA

10 MAY 1979
1105 GMT

106 120. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	12.1	621.0	936.1	8.9	7.4	320.0	10.3	6.6	-7.9	287.4	305.4	6.9	90.0	0.0	0.
99.9	99.9	99.9	1003.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	953.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	13.0	720.0	925.0	8.9	7.5	335.1	10.0	4.2	-9.1	288.4	306.8	7.0	90.9	0.3	152.
1.0	15.2	946.9	900.0	7.5	6.6	336.3	9.8	3.9	-8.9	289.2	307.1	6.8	94.2	0.6	153.
1.6	17.5	1178.9	875.0	6.6	5.3	332.4	9.6	4.5	-8.5	290.7	308.3	6.7	95.1	1.0	155.
2.6	19.7	1419.0	850.0	10.2	8.5	331.9	9.8	4.6	-8.7	296.8	319.0	8.2	89.1	1.4	154.
3.2	22.0	1668.3	825.0	11.1	-9.2	332.0	9.6	4.5	-8.5	300.3	307.1	2.3	23.1	1.9	153.
4.3	24.4	1925.0	800.0	11.5	-15.9	276.4	12.8	12.7	-1.4	303.4	307.6	1.4	13.1	2.3	149.
4.9	26.7	2190.1	775.0	11.6	-13.6	248.7	12.0	11.1	4.4	306.2	341.5	1.7	15.7	2.6	132.
5.6	29.1	2463.3	750.0	10.5	-7.1	227.5	7.2	5.3	4.9	307.9	316.9	3.0	28.4	2.8	124.
6.5	31.5	2744.9	725.0	8.8	-0.9	207.0	15.4	7.0	13.7	309.1	323.6	5.0	50.8	2.8	117.
7.4	33.9	3035.0	700.0	7.8	3.9	201.8	22.3	8.3	20.7	311.1	332.0	7.3	76.3	3.0	96.
8.3	36.4	3334.7	675.0	6.3	4.5	189.1	26.8	4.3	26.5	312.7	335.4	7.9	88.4	3.5	73.
9.3	38.9	3644.0	650.0	4.9	-2.8	184.0	26.9	1.9	26.8	314.5	328.9	4.8	57.7	4.4	53.
10.3	41.6	3963.4	625.0	3.9	-6.7	184.6	25.8	2.1	25.7	316.9	328.2	3.7	46.1	5.6	40.
11.5	44.2	4294.6	600.0	1.8	-14.8	189.4	25.5	4.2	25.2	318.3	324.7	2.0	27.9	7.1	32.
12.6	46.9	4636.7	575.0	-0.2	-9.5	189.0	26.6	4.1	26.3	319.8	330.4	3.4	52.2	8.8	28.
13.9	49.6	4990.8	550.0	-2.5	-31.0	190.1	26.7	4.7	26.3	321.1	323.0	0.5	9.3	10.7	24.
15.1	52.4	5357.5	525.0	-5.3	-53.3	192.8	23.3	5.2	22.7	322.0	322.2	0.0	1.8	12.6	22.
16.3	55.3	5738.8	500.0	-7.4	-54.6	195.0	24.5	6.5	23.6	324.1	324.2	0.0	1.0	14.2	21.
17.5	58.3	6136.0	475.0	-10.8	-56.7	196.6	25.3	7.2	24.2	324.7	324.8	0.0	1.0	16.0	21.
18.7	61.3	6548.9	450.0	-14.2	-58.9	194.0	25.1	6.1	24.3	325.4	325.5	0.0	1.0	17.9	20.
19.9	64.4	6980.2	425.0	-16.8	-59.3	194.1	29.2	7.1	28.3	327.5	327.6	0.0	1.2	19.8	20.
21.2	67.6	7432.9	400.0	-19.7	-58.0	196.9	35.0	10.2	33.5	329.4	329.5	0.0	1.8	22.3	19.
22.5	70.9	7909.8	375.0	-22.0	-63.3	200.0	32.4	11.1	30.4	332.5	332.6	0.0	1.1	25.0	19.
23.9	74.4	8413.6	350.0	-25.6	-66.3	201.6	31.1	11.5	29.0	334.3	334.3	0.0	1.0	27.7	19.
25.4	78.0	8946.9	325.0	-29.7	-68.9	197.5	30.1	9.1	28.7	335.8	335.9	0.0	1.0	30.3	19.
26.9	81.7	9513.1	300.0	-32.9	-71.1	191.9	30.1	6.2	29.4	339.3	339.0	0.0	1.0	33.0	19.
28.6	85.7	10121.3	275.0	-37.3	-74.0	188.1	31.1	4.4	30.8	341.1	341.2	0.0	1.0	35.7	18.
29.7	89.8	10773.0	250.0	-41.7	99.9	187.9	31.8	4.3	31.5	344.1	999.9	99.9	999.9	38.2	17.
31.1	94.2	11474.9	225.0	-49.3	99.9	189.5	33.1	5.5	32.6	342.9	999.9	99.9	999.9	40.8	17.
32.5	98.9	12235.8	200.0	-55.1	99.9	192.2	32.1	6.8	31.4	345.5	999.9	99.9	999.9	43.5	17.
34.9	104.0	13078.2	175.0	-59.4	99.9	205.7	34.4	14.9	31.0	351.9	999.9	99.9	999.9	47.9	17.
37.4	109.5	14035.0	150.0	-61.3	99.9	205.5	30.8	13.2	27.8	364.5	999.9	99.9	999.9	53.1	18.
40.8	115.5	15175.3	125.0	-58.7	99.9	999.9	99.9	99.9	99.9	388.7	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 27
ELMORE CITY, OKLAHOMA

9 MAY 1979
2305 GMT

127 98. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.7	320.3	965.5	26.0	17.6	180.0	13.9	0.0	13.9	302.2	337.9	13.3	60.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.1	11.2	462.2	950.0	23.2	17.7	147.4	12.8	-6.9	10.8	300.8	337.0	13.6	78.2	0.5	321.
1.2	13.5	595.2	925.0	21.7	18.1	151.7	14.2	-6.9	12.5	301.6	341.1	14.8	82.6	1.0	325.
2.1	15.9	932.9	900.0	19.3	17.5	154.7	14.9	-6.4	13.5	301.4	339.1	14.2	89.6	1.8	329.
2.9	18.3	1172.4	875.0	17.4	16.6	161.2	15.5	-5.3	14.7	301.8	338.6	13.7	95.1	2.4	331.
3.5	20.7	1423.1	850.0	15.4	14.7	171.2	17.3	-2.5	17.1	302.3	336.0	12.5	95.8	3.1	334.
4.3	23.2	1676.4	825.0	13.6	12.9	179.9	17.5	-0.0	17.5	303.0	334.0	11.4	95.4	3.9	339.
5.1	25.7	1935.4	800.0	11.5	10.9	182.6	15.9	0.7	15.9	303.3	331.4	10.2	95.0	4.6	343.
6.1	28.3	2202.1	775.0	17.0	-12.4	174.3	14.0	-1.4	13.9	312.1	318.1	1.9	12.1	5.5	346.
6.9	31.0	2481.8	750.0	17.8	-13.4	174.4	12.5	-1.2	12.5	315.9	321.6	1.8	10.7	6.2	346.
7.7	33.8	2774.7	725.0	15.3	-15.4	185.6	12.7	1.2	12.6	316.3	321.4	1.6	10.6	6.8	348.
8.4	36.1	3065.4	700.0	13.5	-14.9	191.3	14.5	2.8	14.2	317.5	323.0	1.7	12.4	7.6	350.
10.2	39.3	3390.4	675.0	10.6	-15.7	189.0	17.3	2.7	17.1	317.5	322.8	1.7	14.1	8.5	352.
11.3	41.6	3681.9	650.0	7.7	-16.1	190.1	16.7	2.9	16.4	317.6	323.0	1.7	16.6	9.5	354.
12.1	43.8	4002.9	625.0	4.5	-18.2	193.9	17.0	4.1	16.5	317.6	322.2	1.4	16.8	10.6	356.
13.1	47.1	4334.5	600.0	1.7	-20.7	197.6	17.7	5.4	16.9	318.0	322.1	1.7	17.1	11.8	358.
14.1	50.3	4674.3	575.0	-1.7	-21.1	199.1	19.3	6.3	18.3	319.0	322.0	1.2	21.1	13.1	0.
15.7	53.3	5025.9	550.0	-4.8	-26.3	195.6	21.2	5.7	20.4	319.4	321.1	0.8	16.6	14.5	2.
16.7	56.3	5384.5	525.0	-7.8	-30.8	193.7	21.7	5.1	21.1	319.1	321.0	0.6	13.7	16.0	3.
17.1	58.4	5761.8	500.0	-10.3	-40.3	201.5	17.5	6.4	16.3	320.5	321.3	0.2	6.4	17.4	4.
19.1	62.0	6153.2	475.0	-12.3	-41.5	204.6	16.7	7.3	15.2	322.7	323.5	0.2	6.6	18.6	5.
20.7	65.3	6572.1	450.0	-14.5	99.9	202.2	16.4	6.7	15.2	325.0	999.9	99.9	999.9	19.9	7.
22.1	69.4	7026.0	425.0	-18.2	99.9	207.6	17.1	7.9	15.1	325.6	999.9	99.9	999.9	21.2	8.
23.9	72.9	7451.9	400.0	-21.3	99.9	219.4	19.4	12.3	15.0	327.3	999.9	99.9	999.9	22.7	10.
25.1	76.6	7925.0	375.0	-25.2	99.9	222.0	20.0	13.4	14.9	328.3	999.9	99.9	999.9	24.4	12.
26.9	80.3	8421.9	350.0	-29.4	99.9	224.5	19.8	13.9	14.1	329.1	999.9	99.9	999.9	26.1	14.
28.9	84.2	8946.2	325.0	-33.5	99.9	223.8	20.8	14.4	15.0	330.5	999.9	99.9	999.9	28.0	17.
30.9	88.3	9503.1	300.0	-38.1	99.9	221.0	21.3	14.0	16.1	331.6	999.9	99.9	999.9	30.4	19.
32.8	92.7	10096.3	275.0	-43.0	99.9	222.7	22.1	15.0	16.2	333.0	999.9	99.9	999.9	32.8	20.
35.1	97.2	10731.4	250.0	-48.2	99.9	229.0	21.8	16.5	14.3	334.4	999.9	99.9	999.9	35.6	23.
37.6	102.2	11415.7	225.0	-53.7	99.9	232.2	19.0	15.3	11.7	336.3	999.9	99.9	999.9	38.3	25.
40.1	107.4	12153.1	200.0	-59.6	99.9	229.5	19.6	14.9	12.7	338.3	999.9	99.9	999.9	40.8	26.
43.1	113.2	12944.2	175.0	-61.4	99.9	23..3	24.9	19.4	15.6	348.6	999.9	99.9	999.9	44.2	29.
46.1	119.3	13804.0	150.0	-60.4	99.9	227.3	28.5	20.9	19.3	366.1	999.9	99.9	999.9	49.0	31.
49.9	126.3	14783.8	125.0	-63.9	99.9	223.1	27.0	18.6	19.7	379.2	999.9	99.9	999.9	55.2	33.
54.0	134.3	16030.9	100.0	-64.0	99.9	999.9	99.9	99.9	99.9	404.1	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 34
MOUNTAIN VIEW, OKLAHOMA

10 MAY 1979
1105 GMT

114 98. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PO DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	10.2	417.0	957.2	11.8	9.7	340.0	4.1	1.4	-3.9	288.5	309.1	7.9	87.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	999.9	999.9	999.9	999.9	999.9	999.
0.2	10.8	480.4	950.0	12.1	11.0	345.9	8.2	2.0	-8.0	289.4	312.0	8.7	93.0	0.3	136.
1.3	13.0	704.7	925.0	16.2	16.2	329.1	6.7	3.4	-5.7	295.9	329.0	12.7	99.7	0.6	171.
1.3	15.2	919.0	900.0	16.2	16.2	261.7	4.1	4.0	0.6	298.3	332.7	13.1	100.7	0.8	157.
2.4	17.4	1132.8	875.0	16.6	16.6	196.3	8.1	2.3	7.8	301.0	337.7	13.7	100.7	0.7	142.
3.4	19.6	1340.2	850.0	16.8	16.8	191.5	12.9	2.6	12.6	303.8	342.5	14.4	100.8	0.5	96.
4.1	21.6	1543.5	825.0	15.5	15.5	201.3	14.5	5.3	13.5	305.0	341.9	13.6	100.6	0.9	49.
4.9	24.1	1985.0	800.0	14.2	14.2	208.4	16.2	7.7	14.3	306.3	341.5	12.9	100.8	1.6	39.
5.9	26.4	2213.8	775.0	13.1	13.1	202.0	13.5	5.1	12.5	307.9	342.0	12.4	100.6	2.4	34.
6.7	28.7	2490.0	750.0	11.6	11.6	205.9	13.1	5.7	11.8	309.2	341.5	11.6	100.4	3.1	32.
7.7	31.2	2773.5	725.0	10.0	10.0	206.5	13.3	5.9	11.9	310.5	340.6	10.7	100.2	3.8	31.
8.5	33.6	3045.9	700.0	8.4	8.4	212.7	15.7	8.5	13.2	311.8	340.1	10.0	100.4	4.5	30.
9.3	36.1	3306.1	675.0	5.7	1.0	217.3	19.0	11.5	15.1	312.0	329.8	6.1	71.8	5.5	31.
10.7	38.5	3674.7	650.0	4.8	-3.6	216.3	22.0	13.1	17.8	314.5	328.1	4.6	54.6	7.0	33.
11.4	41.1	3933.6	625.0	3.0	-7.7	212.7	23.2	12.5	19.5	315.9	326.4	3.4	45.4	8.6	33.
13.3	43.7	4322.9	600.0	0.6	-9.6	211.9	26.3	13.9	22.3	316.8	326.3	3.1	46.3	10.3	33.
14.1	46.4	4653.5	575.0	-1.3	-11.3	214.1	30.9	17.3	25.6	318.5	327.3	2.8	46.5	12.2	33.
15.3	49.1	5014.6	550.0	-3.9	-11.4	212.0	33.6	17.8	28.4	319.6	328.6	2.9	55.5	14.5	33.
16.5	52.0	5382.6	525.0	-6.5	-13.2	208.9	33.4	16.1	29.3	320.6	329.0	2.6	58.7	17.0	33.
17.7	54.9	5763.3	500.0	-8.3	-15.3	209.1	30.4	14.8	26.6	322.9	330.4	2.3	56.8	19.3	32.
19.3	57.8	6160.4	475.0	-10.2	-19.5	211.5	28.1	14.7	23.9	323.4	331.0	1.7	46.2	21.8	32.
20.3	60.8	6574.4	450.0	-13.9	-19.7	213.7	20.6	11.4	17.1	325.8	331.7	1.8	61.4	23.4	32.
21.6	63.9	7006.0	425.0	-17.0	-24.1	210.4	22.1	11.1	19.0	327.2	331.5	1.3	54.0	25.2	32.
23.1	67.0	7459.0	400.0	-19.2	-25.3	206.4	21.8	9.7	19.5	330.1	334.2	1.2	53.0	27.0	32.
24.5	70.3	7935.2	375.0	-23.5	-26.8	207.3	20.7	9.5	18.4	330.4	334.3	1.1	74.6	29.0	31.
26.2	73.7	8435.9	350.0	-27.2	-31.7	206.5	21.6	9.7	19.4	331.9	334.6	0.9	66.2	30.9	31.
27.9	77.3	8964.5	325.0	-31.6	-36.7	206.5	25.1	11.2	22.5	333.1	334.9	0.5	60.3	33.1	31.
29.5	81.1	9525.7	300.0	-36.1	-40.4	210.9	26.0	13.3	22.3	334.5	335.8	0.4	64.5	35.9	31.
31.6	85.0	10123.1	275.0	-41.4	99.9	212.6	23.2	12.5	19.5	335.3	999.9	99.9	999.9	38.9	31.
33.3	89.2	10761.3	250.0	-47.8	99.9	211.5	23.0	12.0	19.6	335.1	999.9	99.9	999.9	42.1	31.
36.3	93.5	11447.2	225.0	-53.3	99.9	207.7	24.1	11.2	21.3	336.8	999.9	99.9	999.9	45.4	31.
39.6	98.3	12135.5	200.0	-59.0	99.9	212.6	26.7	14.4	22.5	339.3	999.9	99.9	999.9	48.7	30.
41.2	103.4	13020.5	175.0	-65.0	99.9	225.6	34.6	24.7	24.2	342.8	999.9	99.9	999.9	53.3	32.
43.9	109.0	13957.7	150.0	-63.7	99.9	231.3	31.6	24.7	19.8	360.3	999.9	99.9	999.9	58.8	33.
47.4	115.3	15095.9	125.0	-63.7	99.9	999.9	99.9	99.9	99.9	379.7	999.9	99.9	999.9	65.0	34.
51.4	122.3	16461.8	100.0	-64.7	99.9	999.9	99.9	99.9	99.9	402.8	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 37
SHAMROCK, TEXAS

9 MAY 1979
2005 GMT

132 99. 0

TIME MIN	CATCH	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.3	721.0	917.9	29.5	15.2	140.0	10.3	-6.6	7.9	310.2	343.6	12.0	42.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.0	16.8	843.1	900.0	26.3	17.4	116.7	10.7	-9.6	4.8	308.6	347.3	14.0	57.9	1.1	329.
1.3	19.2	1194.2	875.0	24.3	16.2	119.8	12.1	-10.5	6.0	309.0	346.1	13.4	60.9	1.3	322.
1.3	21.7	1397.8	850.0	21.9	15.9	130.4	13.1	-10.0	8.5	309.1	346.6	13.6	68.8	2.0	316.
2.7	24.3	1636.7	825.0	19.5	15.4	147.9	13.3	-7.1	11.3	309.2	346.4	13.5	77.1	2.7	316.
3.7	26.8	1921.7	800.0	17.7	13.1	161.9	13.9	-4.3	13.2	310.0	343.5	12.0	74.7	3.3	320.
4.4	29.4	2193.0	775.0	15.2	10.7	173.1	12.9	-1.5	12.8	310.1	339.6	10.5	74.7	4.0	325.
5.4	32.0	2473.3	750.0	13.1	9.3	183.1	13.9	0.7	13.9	310.9	338.2	9.7	75.7	4.6	330.
6.3	34.7	2758.3	725.0	11.1	5.9	185.8	17.1	1.7	17.0	311.6	334.7	8.1	70.4	5.4	336.
7.3	37.3	3047.8	700.0	9.9	0.4	186.6	19.5	2.3	19.4	313.5	330.1	5.7	51.5	6.3	340.
8.2	40.0	3341.3	675.0	9.4	-11.9	187.8	22.0	3.0	21.8	316.2	323.3	2.3	20.8	7.3	345.
9.2	42.8	3641.6	650.0	8.0	-21.0	188.4	25.6	3.9	24.9	318.0	321.6	1.1	10.7	8.7	348.
10.2	45.6	3948.7	625.0	5.6	-22.6	188.3	26.9	3.5	26.9	318.8	322.1	1.0	10.5	10.1	350.
11.1	48.5	4263.7	600.0	3.1	-24.3	188.6	28.7	3.3	28.5	319.7	322.6	0.9	11.2	11.7	352.
12.3	51.5	4585.3	575.0	1.2	-24.3	189.5	29.0	4.8	28.6	320.2	323.3	0.9	13.5	13.2	354.
13.1	54.8	4912.6	550.0	-2.3	-26.3	188.5	27.9	4.1	27.6	321.4	324.2	0.8	13.8	14.9	356.
14.2	57.9	5250.0	525.0	-4.8	-27.7	187.9	27.5	1.9	27.5	322.7	325.2	0.7	14.5	16.7	357.
15.5	61.4	5761.7	500.0	-8.4	-31.1	188.8	29.3	0.4	29.3	322.8	324.7	0.6	13.9	18.9	358.
16.4	64.0	6157.3	475.0	-11.5	-27.9	183.3	28.5	1.6	28.5	323.7	326.5	0.8	24.2	21.4	358.
17.4	67.4	6569.2	450.0	-15.3	-26.6	189.4	28.4	4.7	28.0	324.1	327.3	1.0	37.3	23.8	359.
18.3	70.7	6998.9	425.0	-17.6	-28.5	197.2	28.8	8.5	27.5	326.4	329.3	0.6	32.9	26.4	0.
21.6	74.3	7450.6	400.0	-20.3	-35.1	195.2	29.3	7.7	28.2	328.7	330.4	0.5	25.2	29.2	2.
23.4	78.0	7925.0	375.0	-21.6	-40.9	196.2	28.7	8.0	27.6	330.4	331.5	0.3	18.5	32.3	3.
25.2	81.9	8425.7	350.0	-27.4	-46.6	196.9	29.8	8.7	28.5	331.8	332.5	0.2	14.0	35.3	4.
27.1	85.8	8954.3	325.0	-32.2	-50.3	196.1	30.3	8.4	29.1	332.3	332.7	0.1	15.0	38.7	6.
29.1	90.3	9513.4	300.0	-36.8	-52.9	201.3	30.0	10.5	27.9	333.5	333.8	0.1	16.8	42.1	7.
31.3	94.9	10106.3	275.0	-42.3	99.9	206.4	29.3	13.0	26.2	334.3	999.9	99.9	999.9	45.3	8.
33.2	99.8	10737.0	250.0	-47.0	99.9	210.4	29.0	14.7	25.0	336.2	999.9	99.9	999.9	49.1	10.
35.7	104.8	11411.6	225.0	-53.0	99.9	208.6	29.5	14.1	25.9	337.3	999.9	99.9	999.9	53.2	11.
38.0	109.9	12134.4	200.0	-58.9	99.9	213.4	30.3	16.7	25.3	339.5	999.9	99.9	999.9	57.4	13.
40.9	114.9	13312.6	175.0	-64.1	99.9	213.6	33.0	18.3	27.3	344.2	999.9	99.9	999.9	62.4	14.
43.7	121.0	13969.7	153.0	-57.2	99.9	203.9	33.8	13.7	30.9	371.4	999.9	99.9	999.9	67.9	16.
47.3	124.3	15114.3	125.0	-59.8	99.9	999.9	99.9	99.9	99.9	386.8	999.9	99.9	999.9	73.8	16.
50.9	131.7	16913.2	100.0	-61.1	99.9	999.9	99.9	99.9	99.9	409.6	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP OR HUMIDITY TEMPERATURE OR TEMP HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 37
SHAMROCK, TEXAS

10 M[illegible] 1979
205 GMT

111 139. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	15.1	721.0	915.5	23.4	18.5	140.0	10.3	-6.5	7.9	304.1	344.1	14.8	74.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	950.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	925.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	16.3	870.5	900.0	22.5	19.0	138.9	18.9	-12.4	14.3	304.7	346.7	15.6	80.9	1.1	330.
1.3	18.9	1116.0	875.0	20.7	18.9	141.8	24.4	-15.1	19.1	305.3	348.5	16.0	89.8	2.2	325.
2.4	21.4	1367.3	850.0	19.5	18.2	151.6	26.6	-12.7	23.4	306.6	349.3	15.7	92.0	3.8	325.
3.3	23.9	1624.6	825.0	18.4	16.9	167.5	26.8	-5.8	26.1	308.0	348.8	14.9	91.1	5.2	329.
4.1	26.5	1888.6	800.0	20.0	13.9	181.3	25.5	0.4	25.5	312.4	345.9	11.9	64.1	6.4	334.
5.0	29.0	2154.1	775.0	18.8	8.9	189.5	24.3	4.1	23.9	314.0	340.8	9.3	52.7	7.6	340.
5.9	31.7	2445.5	750.0	17.4	5.9	193.8	24.2	5.8	23.6	315.5	338.2	7.8	46.7	8.8	344.
6.9	34.4	2734.2	725.0	14.9	5.0	197.7	24.8	7.5	23.7	315.8	338.0	7.6	51.4	9.9	348.
7.8	37.1	4030.2	700.0	12.3	3.9	202.7	24.1	9.3	22.2	316.1	337.4	7.3	56.5	11.2	352.
8.9	39.9	3334.3	675.0	9.5	2.3	206.7	25.2	11.3	22.5	316.3	335.7	6.6	59.7	12.4	356.
9.7	42.8	3646.3	650.0	7.1	-3.2	210.1	25.5	12.8	22.1	317.0	331.0	4.7	47.5	13.6	359.
10.7	45.6	3955.4	625.0	5.9	-10.0	208.1	27.3	12.9	24.1	319.3	328.2	2.9	30.8	15.0	2.
11.9	48.6	4301.8	600.0	4.4	-17.8	201.0	28.2	10.1	26.3	321.3	326.4	1.6	17.9	16.9	5.
13.1	51.6	4640.3	575.0	2.6	-26.4	195.4	25.6	6.5	24.7	323.0	325.6	0.8	9.6	18.8	6.
14.5	54.6	5004.3	550.0	-0.6	-30.1	193.7	23.3	5.5	22.7	323.4	325.4	0.6	8.5	20.8	7.
15.9	57.8	5373.7	525.0	-3.4	-36.7	194.4	25.4	6.3	24.6	324.4	325.5	0.3	5.5	22.8	8.
17.0	61.0	5756.9	500.0	-6.7	-39.4	192.1	26.4	5.5	25.8	324.8	325.7	0.2	5.3	24.5	8.
18.1	64.3	6126.4	475.0	-9.8	-34.1	186.6	24.1	2.4	23.9	325.8	327.4	0.4	11.7	26.1	8.
19.3	67.7	6559.9	450.0	-13.1	-33.9	188.2	25.6	3.6	25.3	326.8	328.5	0.5	15.6	27.9	8.
20.6	71.1	7003.2	425.0	-15.2	-41.3	193.2	27.3	6.1	26.6	329.5	330.4	0.2	8.5	30.0	8.
21.9	74.7	7459.0	400.0	-16.8	-43.8	196.7	27.3	7.4	26.2	330.6	331.3	0.2	8.9	32.1	9.
23.3	78.4	7936.1	375.0	-23.0	-46.6	198.0	26.7	8.2	25.4	331.2	331.8	0.1	9.4	34.4	9.
24.9	82.3	8419.1	350.0	-26.6	-48.2	198.2	25.6	8.1	24.3	332.9	333.4	0.1	10.8	36.7	10.
26.4	86.3	8906.4	325.0	-31.1	-51.5	199.7	28.2	9.5	26.6	333.9	334.3	0.1	11.3	39.2	10.
28.1	90.5	9531.0	300.0	-35.0	-51.8	207.3	29.0	13.1	25.8	336.1	336.5	0.1	16.0	42.1	11.
29.8	95.0	10132.2	275.0	-39.8	-53.2	217.5	27.2	16.4	21.6	337.5	337.9	0.1	22.2	44.7	13.
31.6	99.6	10775.8	250.0	-45.6	99.9	225.4	28.9	20.5	20.3	338.2	999.9	99.9	999.9	47.3	14.
33.1	104.6	11470.3	225.0	-50.7	99.9	232.6	27.5	21.9	16.7	340.8	999.9	99.9	999.9	49.5	16.
34.9	109.8	12229.	200.0	-55.2	99.9	250.6	21.3	20.1	7.1	345.3	999.9	99.9	999.9	51.5	18.
36.9	115.8	13074.8	175.0	-58.8	99.9	274.0	15.7	15.7	-1.1	352.9	999.9	99.9	999.9	52.3	20.
39.9	122.3	14029.2	150.0	-63.1	99.9	999.9	99.9	99.9	99.9	361.5	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	125.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SP[illegible] MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 39
WICHITA FALLS, TEXAS

9 MAY 1979
2315 GMT

126 101. 0

TIME MIN	ENTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	9.6	337.0	966.3	26.5	21.5	160.0	8.8	-3.0	8.3	302.6	347.8	17.0	74.0	0.0	0.
99.9	99.9	99.9	1030.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.4	13.9	453.4	950.0	27.4	21.0	135.8	13.4	-9..	9.6	305.0	350.0	16.7	68.0	0.4	323.
1.1	13.3	699.1	925.0	26.5	20.3	133.2	14.6	-9.6	11.1	304.4	348.8	16.5	77.5	0.9	318.
1.9	15.6	929.6	900.0	22.6	20.1	145.9	14.6	-8..	12.1	304.8	350.9	16..	86.0	1.6	321.
2.7	18.0	1174.7	875.0	20.0	18.5	154.8	15.9	-6.1	14.4	304.6	346.5	15.6	91.2	2.3	324.
3.5	20.5	1425.5	850.0	19.1	17.5	165.8	14.9	-3.7	14.5	306.2	347.0	15.0	90.1	3.1	328.
4.4	22.9	1682.6	825.0	17.7	15.5	171.5	13.1	-1.9	12.9	307.3	344.6	13.6	87.1	3.7	332.
5.2	25.4	1945.3	800.0	15.8	14.7	174.5	12.0	-1..	11.9	308.0	344.6	13.3	92.9	4.3	335.
6.2	27.9	2215.4	775.0	5..7	-35.4	191.8	14.3	2..	14.0	309.7	313.5	1.3	10.4	5.0	338.
7.1	30.5	2495.5	750.0	19.4	-38.1	192.8	16.4	3..	16.0	317.6	318.3	0.2	1.0	5.7	344.
7.9	33.1	2785.5	725.0	18.2	-38.9	184.5	16.1	1..	16.0	319.5	320.1	0.2	1.0	6.5	347.
8.8	35.7	3086.2	700.0	16.3	-39.9	185.0	17.0	1..	16.9	320.6	321.2	0.2	1.0	7.3	349.
9.7	38.4	3341.2	675.0	13.1	-41.9	191.6	15.8	3..	15.5	320.1	320.8	0.1	1.0	8.2	351.
10..	41.2	3706.2	650.0	10.6	-43.4	196.0	16.8	4..	16.2	321.0	321.4	0.1	1.0	9.2	354.
10..	44.0	4036.5	625.0	7.9	-45.1	199.7	17.4	5..	16.4	321.5	321.9	0.1	1.0	10.3	356.
11.1	46.9	4376.3	600.0	4.4	-47.3	202.7	15.8	6..	14.6	321.2	321.5	0.1	1.0	11.3	359.
11..	49.7	4725.4	575.0	1.7	-48.9	200.3	15.5	5..	14.5	322.0	322.3	0.1	1.0	12.3	1.
12..	52.8	5084.1	550.0	-1.9	51.1	199.7	15.3	5..	14.4	321.9	322.1	0.1	1.0	13.3	2.
13..	55.9	5431.2	525.0	-4.8	-53.8	207.3	19.1	6..	17.9	322.6	322.8	0.1	1.0	14.4	4.
13.7	59.0	5812.9	500.0	-7.1	-54.4	204.0	18.8	7..	17.2	324.4	324.6	0.0	1.0	15.6	5.
14.3	62.1	6211.0	475.0	-9.2	-55.7	204.0	16.8	6..	15.4	326.6	326.8	0.0	1.0	16.9	7.
15.3	65.5	6626.8	450.0	-12.2	-57.6	203.7	19.0	7..	17.4	327.9	328.0	0.0	1.0	18.3	8.
16.8	69.0	7061.0	425.0	-14.8	-59.3	213.9	19.7	11..	16.4	330.0	330.1	0.0	1.0	19.9	10.
17.2	72.4	7518.1	400.0	-18.1	-61.4	219.2	19.6	12..	15.2	331.4	331.5	0.0	1.0	21.4	12.
18.7	76.0	7995.9	375.0	-22.3	-57.1	221.3	21.3	14.1	16.0	332.1	332.3	0.0	2.5	23.0	14.
19.3	79.7	8499.4	350.0	-26.0	-59.6	222.7	20.5	13..	15.0	333.8	333.9	0.0	2.9	24.8	16.
20.1	83.4	9033.0	325.0	-29.6	-60.2	220.1	21.4	13.6	16.4	335.9	336.0	0.0	3.3	26.8	18.
20.1	87.0	9597.9	300.0	-34.5	-60.5	222.0	22.0	14..	16.4	336.8	336.9	0.0	5.1	29.2	20.
22.2	92.4	10200.7	275.0	-39.5	99.9	222.4	23.4	15.0	17.3	338.1	999.9	99.9	999.9	31.9	22.
24.5	97.0	10844.3	250.0	-44.6	99.9	225.0	21.6	15..	15.3	339.7	999.9	99.9	999.9	34.9	24.
25.9	102.3	11540.5	225.0	-50.2	99.9	224.2	19.5	13..	14.0	341.6	999.9	99.9	999.9	37.5	26.
26.4	107.3	12300.7	200.0	-56.0	99.9	228.2	20.0	14..	13.3	344.1	999.9	99.9	999.9	40.5	27.
42.5	113.2	13137.0	175.0	-61.0	99.9	232.5	21.9	19.(	14.5	349.3	999.9	99.9	999.9	43.9	29.
45.6	119.5	14104.9	150.0	-59.6	99.9	222.1	29.3	19.(	21.7	369.1	999.9	99.9	999.9	48.2	31.
46.1	126.3	15245.0	125.0	-60.3	99.9	224.9	31.2	22.0	22.1	385.9	999.9	99.9	999.9	55.0	32.
99.9	99.9	99.9	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	75.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	50.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	25.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.

* BY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* BY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 235
JACKSON, MISSISSIPPI

9 MAY 1979
2005 GMT

157 S. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.0	6.4	91.0	1000.5	29.4	16.9	130.0	3.1	-2.4	2.0	302.5	335.5	12.2	47.0	0.0	0.
0.3	6.4	95.5	1000.0	29.3	17.1	130.7	3.1	-2.3	2.0	302.5	335.8	12.4	47.9	0.0	357.
1.0	8.6	320.7	975.0	25.8	18.6	149.4	3.2	-1.6	2.7	301.2	338.5	14.0	64.5	0.2	315.
1.9	10.7	549.6	950.0	23.4	17.5	170.3	3.5	-0.6	3.4	301.0	336.8	13.4	69.6	0.3	328.
2.9	13.3	781.2	925.0	21.2	16.3	183.6	3.4	0.2	3.4	301.0	335.1	12.8	73.8	0.5	340.
3.7	15.4	1018.5	900.0	19.2	15.5	175.7	3.1	-0.2	3.1	301.3	334.7	12.4	79.0	0.7	345.
4.6	18.0	1260.5	875.0	17.1	15.4	186.4	3.7	0.4	3.7	301.5	335.6	12.7	89.9	0.8	347.
5.4	20.4	1507.9	850.0	15.2	12.1	193.9	4.0	1.0	3.9	302.0	330.5	10.5	81.9	1.1	353.
6.4	22.8	1762.3	825.0	17.0	3.4	212.9	2.5	1.3	2.1	306.6	323.6	6.0	40.4	1.2	355.
7.3	25.2	2023.8	800.0	15.5	0.9	222.8	4.7	3.2	3.4	307.7	322.5	5.1	37.2	1.3	2.
8.2	27.4	2292.1	775.0	13.3	-1.1	212.9	6.7	3.7	5.7	308.1	321.4	4.6	36.9	1.6	9.
9.0	30.1	2567.0	750.0	12.2	-7.0	224.2	5.9	4.1	4.2	309.8	319.0	3.0	25.7	1.9	13.
10.0	32.8	2851.5	725.0	12.7	-12.5	246.9	5.5	5.0	2.2	313.4	319.8	2.0	15.9	2.1	18.
11.0	35.2	3144.9	700.0	11.1	-14.1	253.1	5.9	5.7	1.7	314.8	320.6	1.8	15.5	2.4	25.
12.1	37.9	3447.2	675.0	9.8	-15.9	245.7	5.1	4.6	2.1	316.6	321.9	1.7	14.8	2.6	31.
13.1	40.5	3759.6	650.0	8.4	-16.6	243.7	4.1	3.7	1.8	318.4	323.6	1.6	15.2	2.9	34.
14.2	43.2	4082.2	625.0	7.1	-18.2	252.8	3.9	3.8	-0.9	320.6	325.3	1.5	14.5	3.1	37.
15.4	46.0	4416.5	600.0	5.5	-18.0	324.2	5.9	3.4	-4.8	322.5	327.5	1.5	16.5	3.0	43.
16.5	48.8	4762.2	575.0	2.3	-19.5	315.7	7.3	5.1	-5.2	322.7	327.4	1.4	18.0	3.0	52.
17.9	51.7	5119.1	550.0	-0.8	-21.6	308.8	7.0	5.4	-4.4	323.1	327.2	1.2	15.7	3.1	62.
19.3	54.6	5488.3	525.0	-3.9	-23.7	296.7	6.2	5.5	-2.8	323.8	327.4	1.1	19.6	3.4	69.
20.2	57.6	5870.9	500.0	-7.3	-25.1	288.3	7.3	6.9	-2.3	324.2	327.5	1.0	22.3	3.7	74.
21.5	60.9	6268.0	475.0	-10.9	-26.8	271.8	9.3	9.3	-0.3	324.5	327.6	0.9	25.4	4.4	78.
22.1	63.3	6681.2	450.0	-13.9	-28.8	250.3	9.2	8.7	3.0	325.7	328.4	0.8	27.1	5.2	79.
24.5	67.1	7112.0	425.0	-17.9	-30.7	232.3	8.3	6.6	5.1	326.1	328.5	0.7	31.3	5.9	77.
25.9	70.5	7562.8	400.0	-20.9	-34.9	216.0	9.6	5.8	7.8	327.8	329.6	0.5	27.2	6.5	73.
27.4	74.3	8033.7	375.0	-24.9	-37.2	212.7	11.2	6.1	9.4	328.6	330.1	0.4	30.6	7.3	68.
29.3	77.6	8523.4	350.0	-29.4	-40.0	213.6	11.0	6.1	9.1	329.1	330.4	0.3	34.8	8.2	64.
30.8	81.3	9036.9	325.0	-32.5	-44.4	224.1	10.5	7.3	7.5	331.9	332.7	0.2	29.1	9.1	61.
32.5	85.3	9619.9	303.0	-35.4	-49.0	232.0	10.5	8.3	6.5	335.5	336.0	0.1	23.2	10.2	60.
34.4	89.5	10220.3	275.0	-38.9	-51.9	247.2	15.1	14.0	5.9	338.9	339.3	0.1	23.4	11.7	60.
36.5	93.8	10870.3	253.0	-42.1	99.9	248.4	20.1	18.7	7.4	343.5	999.9	99.9	999.9	13.9	61.
38.8	98.4	11575.8	225.0	-47.3	99.9	242.8	22.2	19.8	10.2	346.1	999.9	99.9	999.9	16.7	62.
41.1	103.4	12345.8	200.0	-52.4	99.9	242.9	22.7	20.2	10.4	349.9	999.9	99.9	999.9	19.9	62.
43.7	108.9	13203.7	175.0	-55.1	99.9	248.6	24.9	23.2	9.1	358.9	999.9	99.9	999.9	23.8	62.
46.8	114.8	14187.2	150.0	-57.5	99.9	250.5	25.5	24.0	8.5	371.8	999.9	99.9	999.9	27.9	64.
49.7	121.0	15316.7	125.0	-60.4	99.9	248.9	21.2	19.8	7.6	385.7	999.9	99.9	999.9	32.5	65.
53.6	129.3	16706.4	100.0	-63.4	99.9	249.6	20.9	19.6	7.3	405.3	999.9	99.9	999.9	37.2	65.
59.2	136.7	19062.5	75.0	-65.9	99.9	247.1	14.5	13.4	5.7	434.7	999.9	99.9	999.9	42.1	66.
63.6	145.7	20316.6	50.0	-64.4	99.9	203.7	7.2	5.2	4.5	491.8	999.9	99.9	999.9	45.4	65.
71.0	155.0	25207.9	25.0	-57.8	99.9	199.3	6.9	2.3	6.5	618.6	999.9	99.9	999.9	46.6	63.

* MY SPEED MEANS ELEVATION ANGLE BETWEEN 6 AND 10 DEG
* MY TEMP MEANS TEMPERATURE OR TIME HAVE BEEN INTERPOLATED
** BY SPEED MEANS ELEVATION ANGLE LESS THAN 6 DEG

STATION NO. 260
STEPHENVILLE, TEXAS

10 MAY 1979
505 GMT

159 18. 0

TIME MIN	CNTCT	HEIGHT GPM	PRES MB	TEMP DG C	DEW PT DG C	DIR DG	SPEED M/SEC	U COMP M/SEC	V COMP M/SEC	POT T DG K	E POT T DG K	MX RTO GM/KG	RH PCT	RANGE KM	AZ DG
0.3	9.9	396.0	958.0	23.8	22.8	150.0	6.7	-3.4	5.8	300.6	349.5	18.[illegible]	94.0	0.0	0.
99.9	99.9	99.9	1000.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
99.9	99.9	99.9	975.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	999.9	99.9	999.9	999.9	999.
0.3	13.4	472.7	950.0	22.9	22.1	161.0	18.1	-5.9	17.2	300.4	347.8	18.0	95.5	0.3	339.
1.0	13.0	705.5	925.0	20.9	20.4	160.6	17.9	-5.9	16.9	300.7	344.5	16.5	97.1	0.8	340.
1.4	13.[illegible]	843.1	900.0	19.3	18.8	164.8	20.5	-5.4	19.7	331.4	342.3	15.4	96.9	1.8	341.
2.7	17.[illegible]	1175.9	875.0	17.[illegible]	17.1	172.5	19.7	-2.6	19.5	302.2	340.3	14.2	96.5	2.9	344.
3.7	21.3	1434.4	850.0	16.9	15.5	176.7	19.2	-1.1	19.2	303.9	339.6	13.2	91.8	4.0	347.
4.6	22.9	1639.4	825.0	15.4	14.1	181.3	18.1	0.4	18.1	304.8	338.7	12.4	92.4	5.0	349.
5.6	25.3	1852.1	800.0	19.5	-4.3	197.1	9.7	2.8	9.2	312.0	330.8	6.6	39.2	5.9	352.
6.9	27.7	2227.6	775.0	20.5	-37.4	219.2	6.8	4.3	5.3	315.9	316.6	0.2	1.0	6.2	355.
7.8	30.[illegible]	2536.6	750.0	18.2	-38.9	205.8	8.3	3.6	7.5	316.3	316.9	0.2	1.0	6.6	357.
8.4	33.1	2764.6	725.0	15.7	-40.3	202.8	8.2	3.2	7.6	316.7	317.2	0.2	1.0	7.1	359.
10.0	38.4	3260.4	700.0	13.3	-41.9	209.4	8.0	3.9	6.9	317.2	317.7	0.1	1.0	7.6	1.
11.1	39.6	3396.2	675.0	10.7	-43.4	215.7	9.3	5.4	7.5	317.6	318.1	0.1	1.0	8.1	3.
12.3	41.3	3595.5	650.0	8.0	-45.0	220.6	10.6	7.7	7.3	318.0	318.4	0.1	1.0	8.5	6.
13.[illegible]	44.1	4027.7	625.0	5.0	-46.3	227.6	10.5	7.8	7.1	318.2	318.6	0.1	1.0	9.2	9.
14.[illegible]	47.1	4[illegible]	600.0	2.0	-48.2	224.4	11.5	8.1	8.2	319.3	319.6	0.1	1.0	9.9	12.
16.2	50.1	4700.9	575.0	0.4	-49.7	220.0	13.1	8.4	10.0	320.4	320.7	0.1	1.0	10.5	15.
17.7	53.1	5355.9	550.0	-1.6	-50.9	225.2	11.[illegible]	8.3	8.1	322.2	322.5	0.1	1.0	11.8	17.
19.1	56.1	5624.2	525.0	-4.1	-52.6	230.[illegible]	10.8	9.0	6.0	323.4	323.7	0.1	1.0	12.6	19.
20.5	59.4	5907.0	500.0	-6.7	-54.1	230.0	10.1	8.1	6.1	324.9	325.1	0.0	1.0	13.3	22.
21.1	61.6	6204.7	475.0	-10.2	-56.4	221.4	9.1	6.0	6.8	325.3	325.5	0.0	1.0	14.1	23.
23.7	64.9	6618.3	450.0	-13.0	-59.1	211.7	9.9	5.2	8.4	327.0	327.1	0.0	1.0	15.0	24.
24.3	66.4	7051.9	425.0	-16.0	-60.1	217.9	12.3	6.8	10.2	328.5	328.6	0.0	1.0	16.0	25.
25.9	73.0	7505.9	400.0	-19.0	-62.0	219.3	14.2	8.8	11.2	330.3	330.4	0.0	1.0	17.2	[illegible]
26.9	76.7	7982.4	375.0	-23.1	-64.7	217.8	15.1	9.3	11.9	331.0	331.1	0.0	1.0	18.9	27.
28.5	80.5	8481.6	350.0	-27.3	-67.4	217.1	15.0	9.1	11.9	332.0	332.1	0.0	1.0	20.4	27.
30.1	84.3	9012.2	325.0	-31.7	-71.3	223.2	15.5	10.6	11.3	332.9	333.0	0.0	1.0	22.0	28.
34.2	88.7	9572.3	300.0	-36.9	-73.7	230.7	15.5	12.0	9.8	333.4	333.4	0.0	1.0	23.7	30.
35.3	93.3	10164.3	275.0	40.9	99.9	236.8	13.8	11.5	7.5	336.0	999.9	99.9	999.9	25.4	31.
39.6	97.6	10810.2	250.0	-46.3	99.9	238.7	13.9	11.6	7.6	337.3	999.9	99.9	999.9	27.0	33.
40.9	102.6	11501.7	225.0	-51.8	99.9	244.7	15.7	14.2	6.7	339.1	999.9	99.9	999.9	28.9	35.
43.2	107.6	12254.7	200.0	-57.8	99.9	239.6	16.7	14.2	8.7	341.3	999.9	99.9	999.9	30.8	37.
45.9	112.9	13086.8	175.0	-61.9	99.9	233.7	21.8	18.8	11.0	347.[illegible]	999.9	99.9	999.9	33.6	39.
49.3	118.5	14048.8	150.0	-59.5	99.9	233.2	26.4	22.4	13.9	367.4	999.9	99.9	999.9	38.0	41.
52.5	124.3	15172.5	125.0	-63.4	99.9	238.6	24.6	21.0	12.8	3[illegible].2	999.9	99.9	999.9	43.3	44.
57.1	130.9	16533.1	100.0	-67.7	99.9	225.5	20.2	14.4	14.2	397.0	999.9	99.9	999.9	49.2	45.
62.5	142.7	18[illegible]6.7	75.0	-73.7	99.9	162.9	15.4	3.4	15.0	424.7	999.9	99.9	999.9	54.9	43.
73.2	153.0	20[illegible]56.2	50.0	-53.6	99.9	122.7	8.9	-7.5	4.8	505.3	999.9	99.9	999.9	58.0	40.
82.8	184.0	[illegible]227.7	25.0	-44.9	99.9	213.5	32.8	18.1	27.4	644.0	999.9	99.9	999.9	56.1	37.

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APPROVAL

AVE-SESAME IV: 25 MB SOUNDING DATA

By Meta E. Sienkiewicz, Luke P. Gilchrist,
and Robert E. Turner

The information in this report has been reviewed for technical content. Review of any information concerning Department of Defense or nuclear energy activities or programs has been made by the MSFC Security Classification Officer. This report, in its entirety, has been determined to be unclassified.

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